



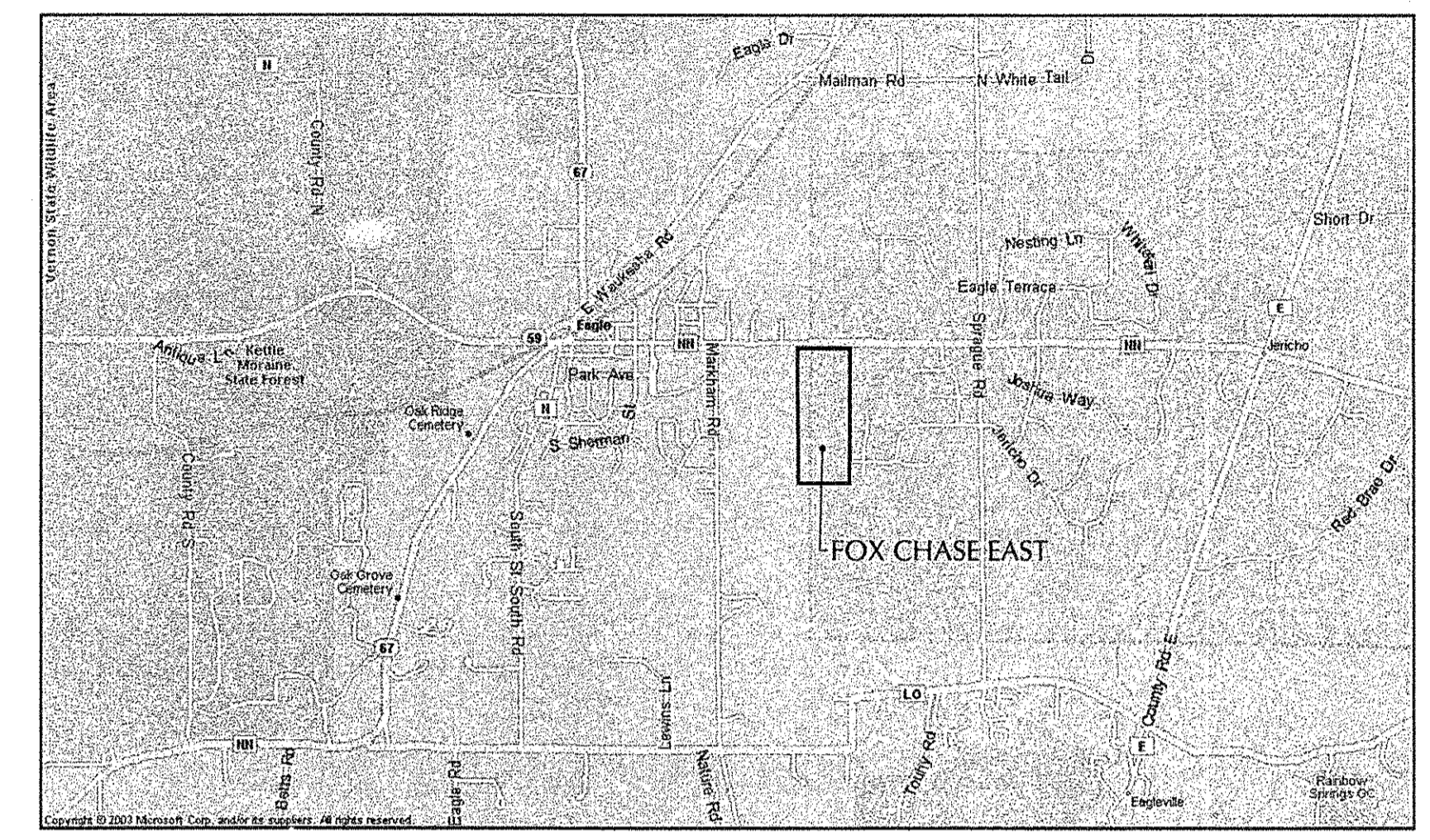
ENGINEERS • ARCHITECTS
SURVEYORS • PLANNERS
LANDSCAPE ARCHITECTS
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DELAFIELD, WISCONSIN 53018
262-646-6855
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EMAIL: INFO@YAGGY.COM

ENGINEERING DEVELOPEMENT PLANS
FOX CHASE EAST
VILLAGE OF EAGLE, WISCONSIN
COVER SHEET

PROJECT NUMBER 13612
COMPUTER FILE 13612_Cover&Details.dwg
DATE APRIL, 2007
DRAWN BY C. CZARNECKI
DESIGNED BY C. CZARNECKI
REVISIONS 09/07/2007

1

LOCATION MAP



ENGINEERING DEVELOPMENT PLANS

FOR FOX CHASE EAST EAGLE, WISCONSIN

PLANS PREPARED FOR
BIELINSKI HOMES
N16 W23377 STONE RIDGE DRIVE
WAUKESHA, WISCONSIN 53188
(262) 542-9494

GENERAL NOTES

- THE VILLAGE OF EAGLE ENGINEERING DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. (PHONE: (262) 542-5733)
- THE VILLAGE OF EAGLE WATER DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY UTILITY CONSTRUCTION. (PHONE: (262) 594-3202)
- THE VILLAGE OF EAGLE PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF ANY SANITARY SEWER CONSTRUCTION. (PHONE: (262) 594-3202)
- ALL CONTRACTORS INSTALLING PUBLIC IMPROVEMENTS IN THE VILLAGE OF EAGLE SHALL BE REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH THE VILLAGE OF EAGLE ENGINEERING AND PUBLIC WORKS DEPARTMENT PRIOR TO BEGINNING WORK.
- ALL UTILITY COMPANIES SHALL BE CONTACTED AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK IN ANY EASEMENT, RIGHT-OF-WAY, OR SUSPECTED UTILITY LOCATION. REPAIR OF ANY DAMAGE TO EXISTING FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. UTILITY LOCATION SHOWN HEREIN ARE FOR GRAPHIC ILLUSTRATION ONLY AND ARE NOT TO BE RELIED UPON.
- PRIOR TO COMMENCEMENT OF ANY OFF SITE CONSTRUCTION, THE CONTRACTOR SHALL SECURE WRITTEN AUTHORIZATION THAT ALL OFF SITE EASEMENTS HAVE BEEN SECURED, AND THAT PERMISSION HAS BEEN GRANTED TO ENTER ONTO PRIVATE PROPERTY.
- ALL ELEVATIONS SHOWN HEREON REFLECT U.S.G.S. DATUM.
- CONSTRUCTION SHALL NOT BLOCK OFF SITE DRAINAGE.
- EXISTING FIELD TILES ENCOUNTERED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR RE-ROUTED TO STORM SEWERS BASED ON THE DECISION OF THE ENGINEER (COST INCIDENTAL).
- EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK PROPOSED HERE ON SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
 - STATE OF WISCONSIN, DEPARTMENT OF TRANSPORTATION (WISDOT), DIVISION OF HIGHWAYS STANDARD SPECIFICATION FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST ADDITION.
 - STANDARD SPECIFICATION FOR WATER MAIN CONSTRUCTION BY THE VILLAGE OF EAGLE PUBLIC WORKS DEPARTMENT.
 - STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION BY THE VILLAGE OF EAGLE PUBLIC WORKS DEPARTMENT.
 - VILLAGE OF EAGLE CODE OF GENERAL ORDINANCES.
 - WISCONSIN DEPARTMENT OF NATURAL RESOURCES ADMINISTRATIVE CODE.
 - THE CONTRACT DOCUMENTS, GENERAL CONDITIONS, SPECIAL PROVISIONS AND SUPPLEMENTAL CONDITIONS TO THE PROJECT AS PREPARED BY YAGGY COLBY ASSOCIATES.
- IN THE EVENT OF CONFLICTING SPECIFICATIONS WITH REGARD TO SITE WORK ISSUES DESIGNED BY THE ENGINEER, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511
WISCONSIN STATUTE 182.075 (1974)
REQUIRES MINIMUM 3 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

ALL UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED ON FIELD SURVEY, RECORD MAPS OR DIGGER'S HOTLINE MARKINGS. THE SURVEYOR HAS NOT LOCATED THE ACTUAL UNDERGROUND UTILITY EXCEPT WHERE INDICATED, THE EXACT LOCATION OF ALL UTILITIES MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY CONSTRUCTION.

CONTACTS

VILLAGE OF EAGLE
PUBLIC WORKS DEPARTMENT
VILLAGE MUNICIPAL BUILDING
820 E. MAIN STREET, P.O. BOX 295
EAGLE, WI 53119
(262) 594-3400

RUEKERT & MIELKE
CONTACT: RUSS BARRY
VILLAGE ENGINEER
W233 N2080 RIDGEVIEW PARKWAY
WAUKESHA, WI 53188
(262) 542-5733

WISCONSIN DNR
WAUKESHA SERVICE CENTER
141 NW BARSTOW, ROOM 180
WAUKESHA, WI 53188
PHONE: (262) 574-2100

WAUKESHA COUNTY
DEPARTMENT OF PUBLIC WORKS
1520 PEWAUKEE ROAD
WAUKESHA, WI 53188
PHONE: (262) 548-7740

INDEX OF SHEETS

I. COVER SHEET

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- INTERIM GRADING PLAN - NORTH
- MASTER GRADING PLAN - NORTH
- INTERIM GRADING PLAN - CENTER
- MASTER GRADING PLAN - CENTER
- INTERIM GRADING PLAN - SOUTH
- MASTER GRADING PLAN - SOUTH
- EROSION CONTROL NOTES AND DETAILS
- DETENTION BASIN DETAILS - BASIN A
- DETENTION BASIN DETAILS - BASIN E

SYSTEM PLANS:

- WATER MAIN SYSTEM PLAN

PLAN AND PROFILE SHEETS:

- LEEDS DRIVE - STA. 1+00 TO STA. 9+50
- LEEDS DRIVE - STA. 9+50 TO C.T.H. "NN"
- ANDOVER DRIVE - STA. 20+00 TO STA. 28+00
- ANDOVER DRIVE - STA. 28+00 TO HASTINGS DRIVE
- WESTWIND DRIVE
- HASTINGS DRIVE - WESTWIND DRIVE TO STA. 60+00
- HASTINGS DRIVE - STA. 60+00 TO LEEDS DRIVE
- BEDFORD STREET - ANDOVER DRIVE TO STA. 76+50
- BEDFORD STREET - STA. 76+50 TO HASTINGS DRIVE
- NEWBURY DRIVE - ANDOVER DRIVE TO STA. 94+50
- NEWBURY DRIVE - STA. 94+50 TO STA. 99+50

ROADWAY CONNECTION PLANS:

- LEEDS DRIVE - EXISTING CONNECTION DETAILS
- ANDOVER DRIVE - EXISTING CONNECTION DETAILS
- WESTWIND DRIVE - EXISTING CONNECTION DETAILS

BENCHMARKS

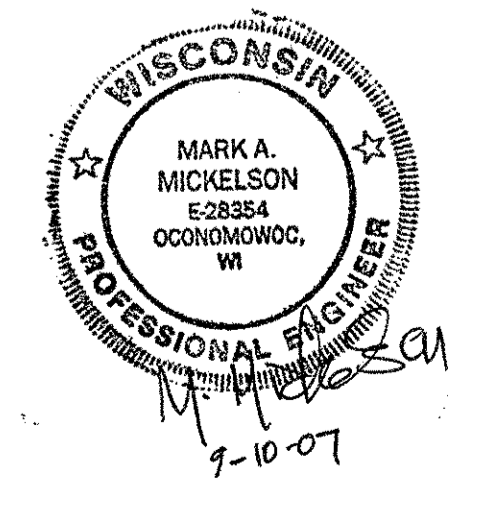
- SECTION CORNER: BRASS MONUMENT IN CTH "NN" APPROX. 380 FT. EAST OF LEEDS DRIVE - EL = 917.66
- CP #80 FAR EAST END OF EXISTING LEEDS DRIVE, PK NAIL ON NORTH SIDE OF ROADWAY - EL = 928.56
- CP #66 APPROX. 280 FT. SOUTHWEST OF THE END OF THE EXISTING ANDOVER DRIVE, PK NAIL ON SOUTHEAST SIDE OF ROADWAY - EL = 821.53

ABBREVIATIONS

ASSM ASSEMBLY	SAN SANITARY
BOC BACK OF CURB	SHT SHEET
BY: BACK YARD GRADE	STA. STATION
C&G CURB AND GUTTER	STM STORM
C/L CENTER LINE	TOB TOP OF BANK
CB CATCH BASIN	BOC TOP OF BACK OF CURB
CMP CORRUGATED METAL PIPE	TW TOP OF FOUNDATION WALL GRADE
CP CONTROL POINT	TYP. TYPICAL
DIA. DIAMETER	VB VALVE BOX
EL. ELEVATION	WM WATER MAIN
EOP EDGE OF PAVEMENT	YG YARD GRADE
EXIST EXISTING	PPWL PERMANENT POND WATER LEVEL
F/L FLOW LINE	
GV GATE VALVE	
H.P. HIGH POINT	
HWL HIGH WATER LEVEL	
HYD FIRE HYDRANT	
IE INVERT ELEVATION	
L LEFT	
L.P. LOW POINT	
LF LINEAL FEET	
MH MANNHOLE	
MIN. MINIMUM	
NWL NORMAL WATER LEVEL	
PVC POLYVINYL CHLORIDE PIPE	
R RIGHT	
RBM REFERENCE BENCHMARK	
RCP REINFORCED CONCRETE PIPE	
ROW RIGHT OF WAY	

CURVE DEFINITION ABBREVIATIONS

C LONG CHORD OF CURVE
D DEGREE OF CURVE
L LENGTH OF CURVE
PC POINT OF CURVATURE
PT POINT OF TANGENCY
PVI POINT OF VERTICAL INTERSECTION
R RADIUS
T TANGENCY OF CURVE
BVCS BEGIN VERTICAL CURVE STATION
BVCE BEGIN VERTICAL CURVE ELEVATION
EVCS END VERTICAL CURVE STATION
EVCE END VERTICAL CURVE ELEVATION
VC VERTICAL CURVE
A.D. ALGEBRAIC DIFFERENCE
K CURVE COEFFICIENT



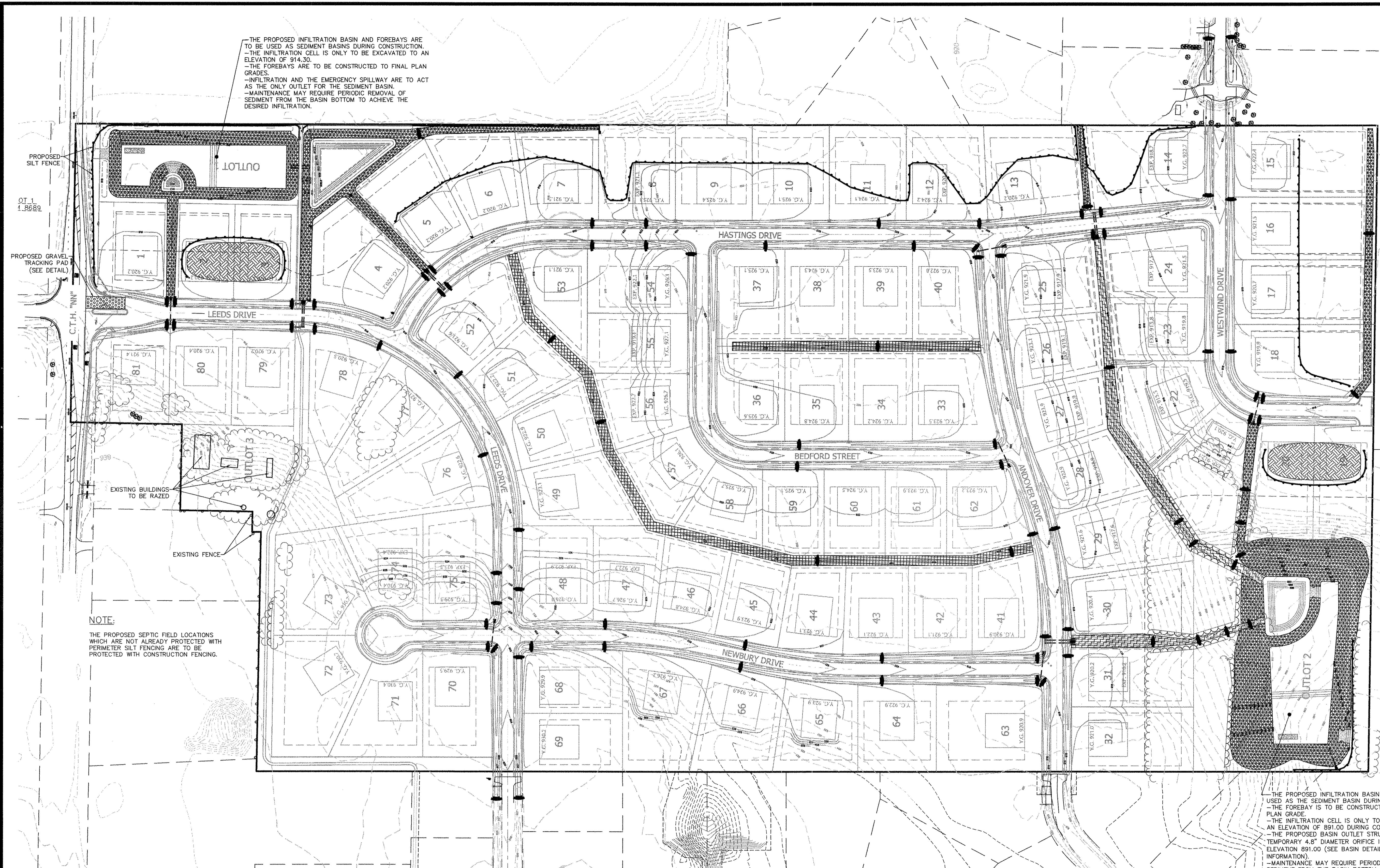
**GRADING AND EROSION CONTROL PLAN
FOX CHASE EAST
VILLAGE OF EAGLE, WISCONSIN
OVERALL**

PROJECT NUMBER	13612
COMPUTER FILE	13612_GRADING.dwg
DATE	APRIL, 2007
DRAWN BY	C. CZARNECKI
DESIGNED BY	C. CZARNECKI
CHECKED BY	
REVISIONS	
07/16/2007	
08/02/2007	
SHEET NUMBER	

THE PROPOSED INFILTRATION BASIN AND FOREBAYS ARE TO BE USED AS SEDIMENT BASINS DURING CONSTRUCTION.
 -THE INFILTRATION CELL IS ONLY TO BE EXCAVATED TO AN ELEVATION OF 914.30.
 -THE FOREBAYS ARE TO BE CONSTRUCTED TO FINAL PLAN GRADES.
 -INFILTRATION AND THE EMERGENCY SPILLWAY ARE TO ACT AS THE ONLY OUTLET FOR THE SEDIMENT BASIN.
 -MAINTENANCE MAY REQUIRE PERIODIC REMOVAL OF SEDIMENT FROM THE BASIN BOTTOM TO ACHIEVE THE DESIRED INFILTRATION.

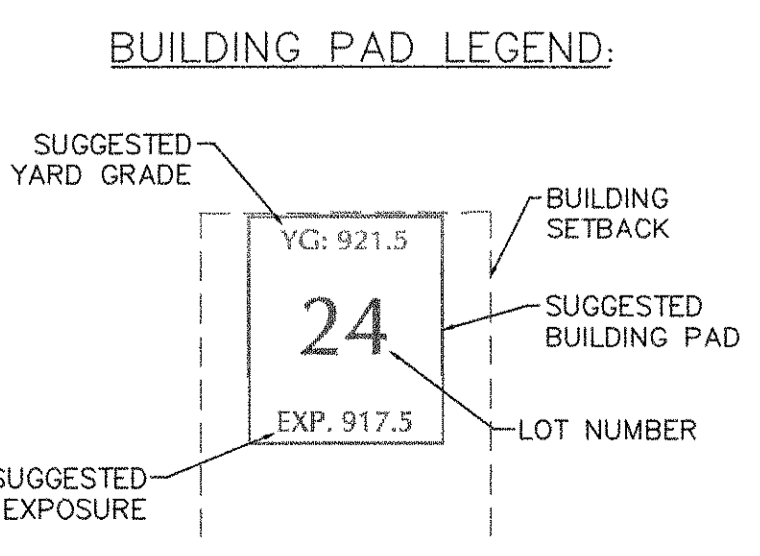
NOTE:
 THE PROPOSED SEPTIC FIELD LOCATIONS WHICH ARE NOT ALREADY PROTECTED WITH PERIMETER SILT FENCING ARE TO BE PROTECTED WITH CONSTRUCTION FENCING.

THE PROPOSED INFILTRATION BASIN AND FOREBAY TO BE USED AS THE SEDIMENT BASIN DURING CONSTRUCTION.
 -THE FOREBAY IS TO BE CONSTRUCTED TO THE FINAL PLAN GRADE.
 -THE INFILTRATION CELL IS ONLY TO BE EXCAVATED TO AN ELEVATION OF 891.00 DURING CONSTRUCTION.
 -THE PROPOSED BASIN OUTLET STRUCTURE IS TO HAVE A TEMPORARY 4.8" DIAMETER ORIFICE INSTALLED AT ELEVATION 891.00 (SEE BASIN DETAIL FOR MORE INFORMATION).
 -MAINTENANCE MAY REQUIRE PERIODIC REMOVAL OF SEDIMENT FROM THE BASIN BOTTOM TO ACHIEVE THE DESIRED INFILTRATION.



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 WISCONSIN STATUTE 182.0175 (1974)
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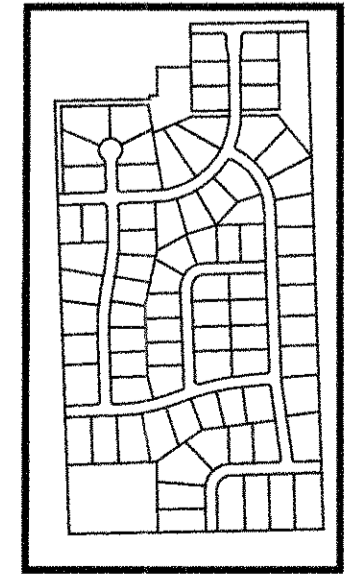
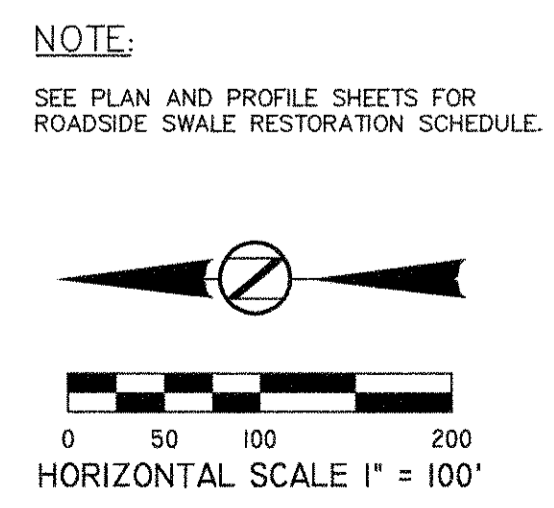
THE LOCATION AND SIZE OF ALL UNDERGROUND STRUCTURES SHOWN ON THESE PLANS HAVE BEEN LOCATED TO A REASONABLE DEGREE OF ACCURACY, BUT THE ENGINEER DOES NOT GUARANTEE THEIR EXACT LOCATION NOR THE LOCATION OF OTHERS NOT SHOWN.



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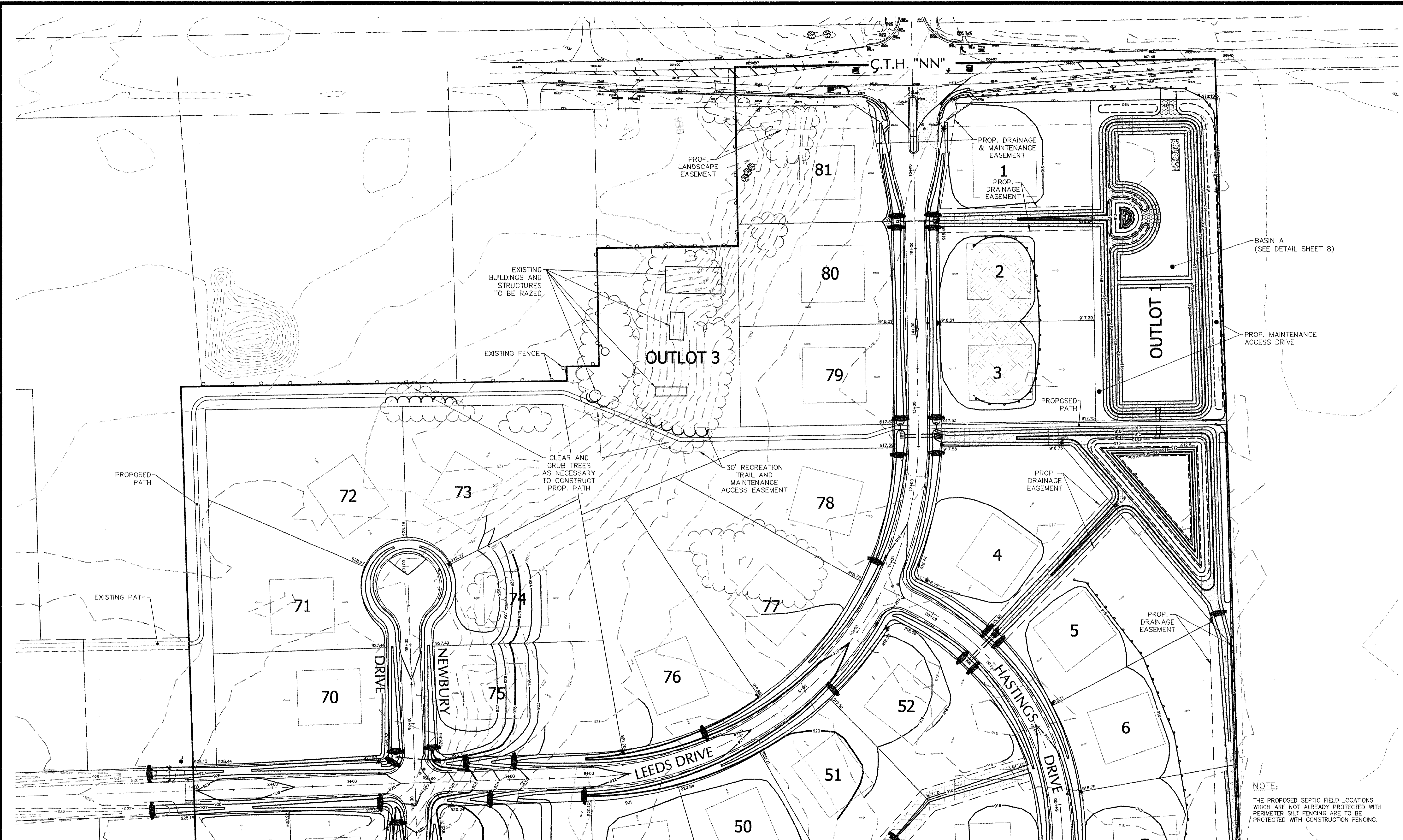
LEGEND

- 950 PROPOSED 5' CONTOUR
- 952 PROPOSED 1' CONTOUR
- 950 EXISTING 5' CONTOUR
- 952 EXISTING 1' CONTOUR
- 637.00 PROP. SPOT ELEVATION
- EXISTING TREE LINE
- PROPOSED TREE LINE
- PROP. SILT FENCE
- PROPOSED RIP RAP/PERMANENT TURF REINFORCEMENT MAT (CLASS III TYPE-A)
- PROPOSED MULCH/NETTING
- PROPOSED LOW VELOCITY EROSION MAT (CLASS I TYPE-B)
- PROPOSED HIGH VELOCITY EROSION MAT (CLASS-II TYPE-B)
- PROPOSED TRACKING PAD
- PROPOSED TOPSOIL STOCKPILE
- PROPOSED DITCH CHECK



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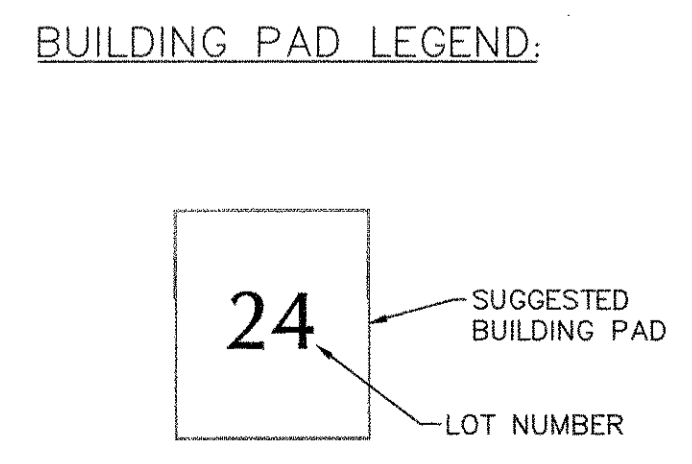
INTERIM GRADING PLAN
FOX CHASE EAST
VILLAGE OF EAGLE, WISCONSIN
NORTH



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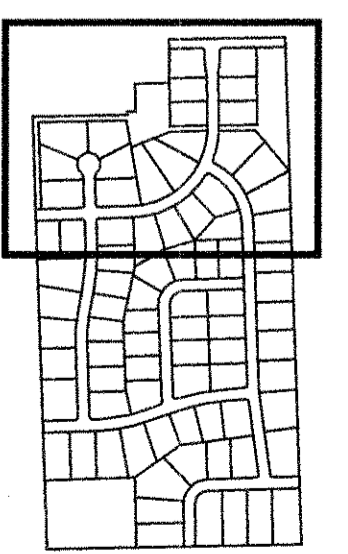
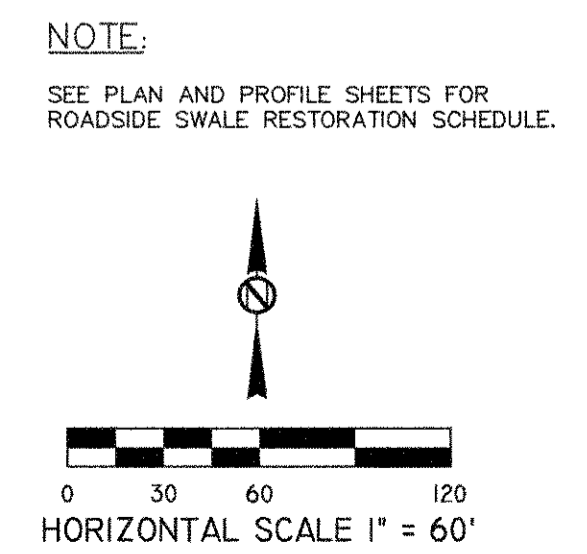
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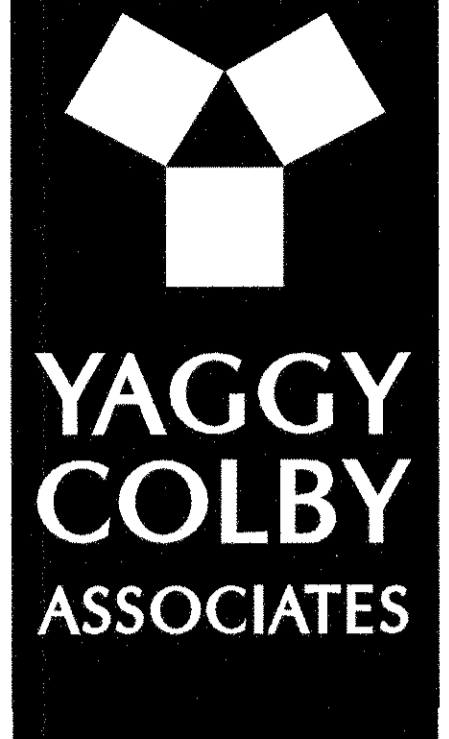
- LEGEND**
- 950 — PROPOSED 5' CONTOUR
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 - ⌋ EXISTING TREE LINE
 - ⌋ PROPOSED TREE LINE
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 - ▨ PROPOSED TRACKING PAD
 - ▨ PROPOSED TOPSOIL STOCKPILE
 - ▨ PROPOSED DITCH CHECK



SEE SHEET 4

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SHEET NUMBER	3



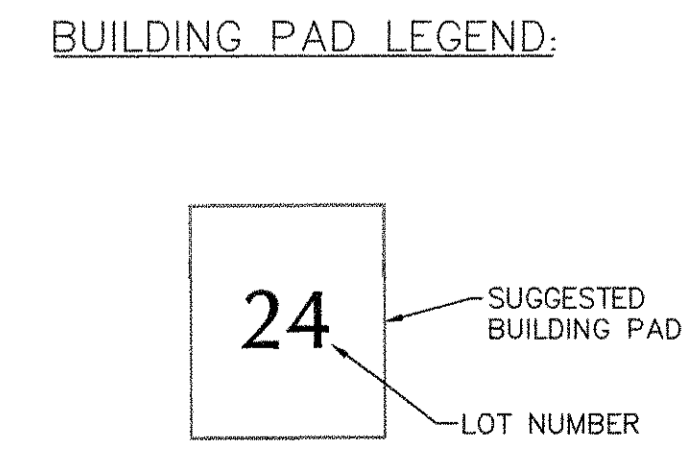
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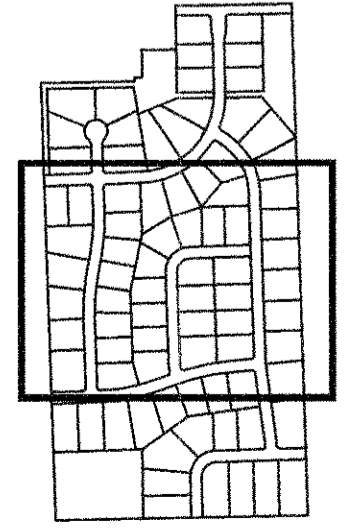
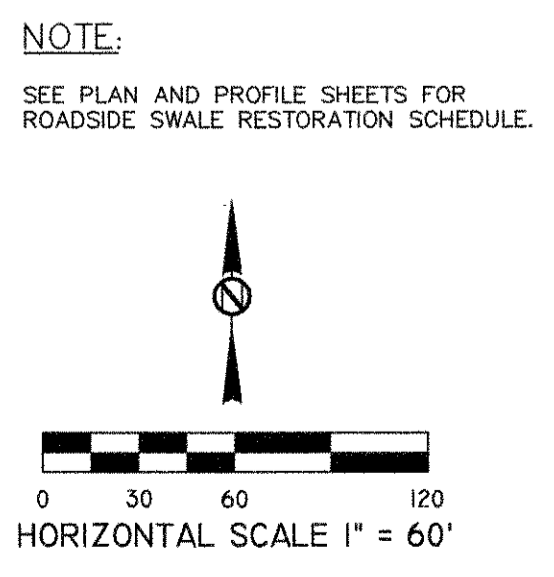
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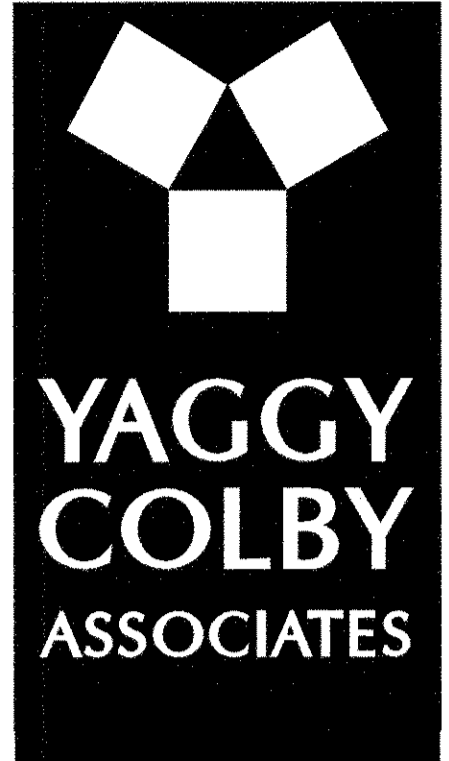
- LEGEND**
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SHEET NUMBER	4
OF	SHEETS

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MASTER GRADING PLAN
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CENTER



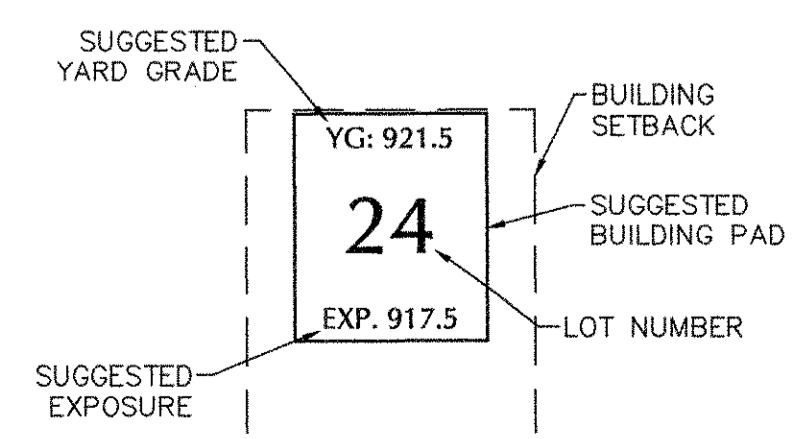
SEE SHEET 3A

SEE SHEET 5A

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BUILDING PAD LEGEND:

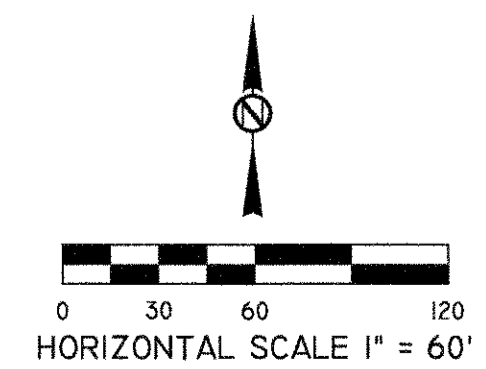


- NOTES:**
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 - ALL FILL WITHIN THE ROAD AND BUILDING PAD AREAS SHALL BE ENGINEERED FILL. CONTRACTOR TO PROVIDE COMPACTION TESTING AND CERTIFY THAT THE SOILS HAVE BEEN COMPACTED TO SPECIFICATIONS.
 - STRENGTH OF SOILS TO BE AT LEAST 3,000 PSF.
 - TOPSOIL TO BE RESPREAD 6" THICK.
 - SWALES SHOWN ON THIS PLAN ARE DESIGNED FOR THE SOLE PURPOSE OF DIRECTING SEDIMENT LADEN RUN-OFF TO THE SEDIMENT BASINS. ALL RUNOFF MUST BE DIRECTED TOWARDS THE SEDIMENTATION DEVICES FOR THE DURATION OF CONSTRUCTION UNTIL ROADS ARE PAVED AND VEGETATION ESTABLISHED.

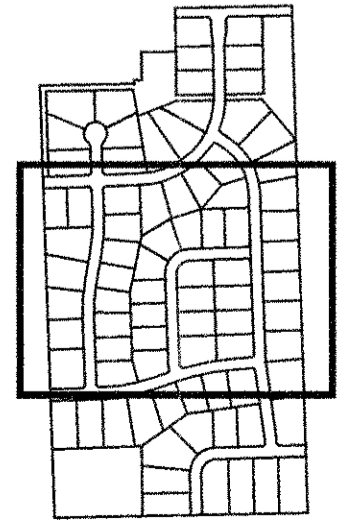
LEGEND

- 950— PROPOSED 5' CONTOUR
- 952— PROPOSED 1' CONTOUR
- - -950 - - - EXISTING 5' CONTOUR
- - -952 - - - EXISTING 1' CONTOUR
- x 95.60 PROP. SPOT ELEVATION
- ⇒ SUGGESTED DRAINAGE PATTERN
- ~ EXISTING TREE LINE
- ~ PROPOSED TREE LINE

NOTE:
SEE PLAN AND PROFILE SHEETS FOR
ROADSIDE SWALE RESTORATION SCHEDULE.

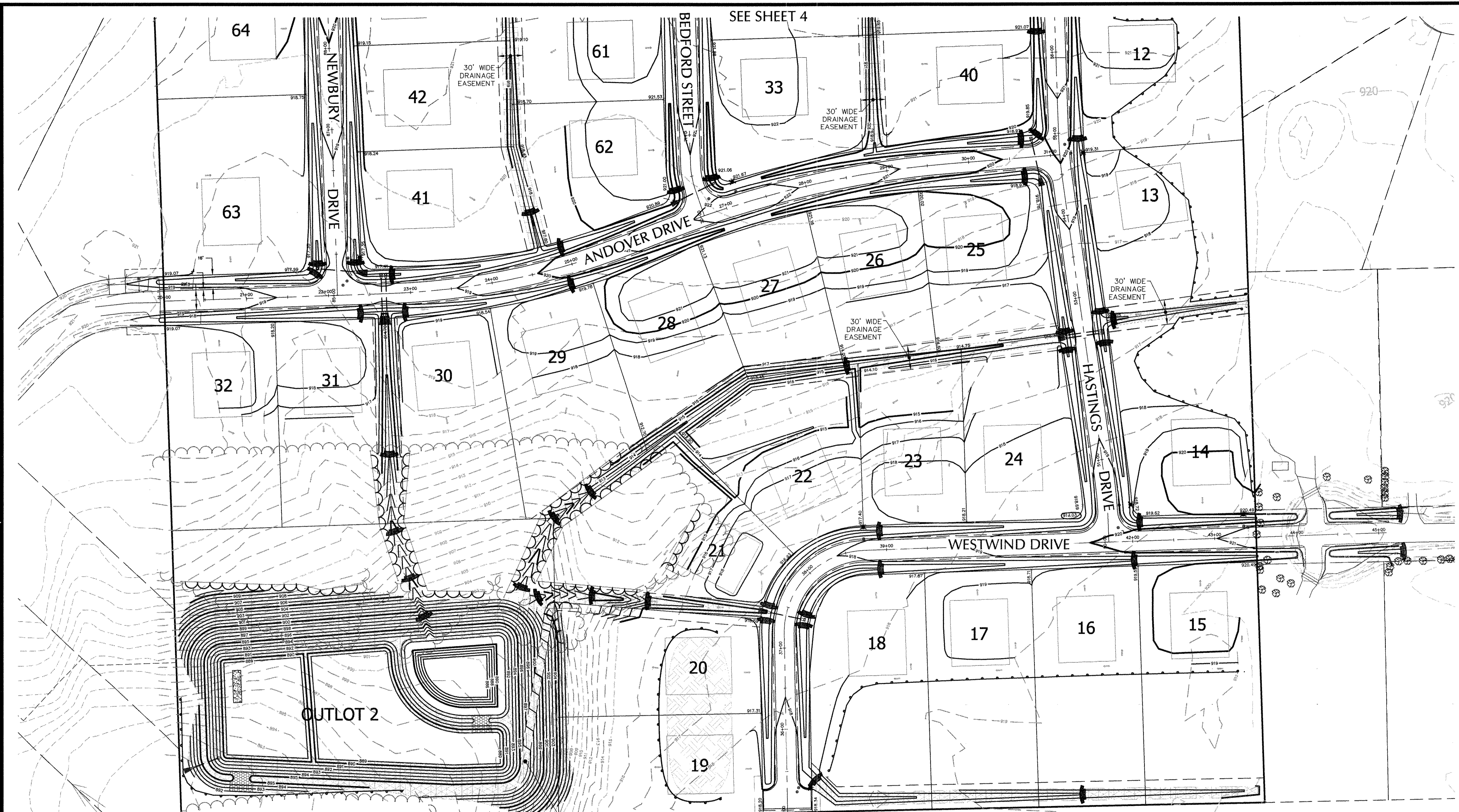


NOTE:
THE PROPOSED SEPTIC FIELD LOCATIONS
WHICH ARE NOT ALREADY PROTECTED WITH
PERIMETER SILT FENCING ARE TO BE
PROTECTED WITH CONSTRUCTION FENCING.



PROJECT NUMBER	13612
COMPUTER FILE	13612_GRADING.dwg
DATE	APRIL, 2007
DRAWN BY	C. CZARNECKI
DESIGNED BY	C. CZARNECKI
CHECKED BY	
REVISIONS	07/16/2007
SHEET NUMBER	

INTERIM GRADING PLAN
FOX CHASE EAST
VILLAGE OF EAGLE, WISCONSIN
SOUTH



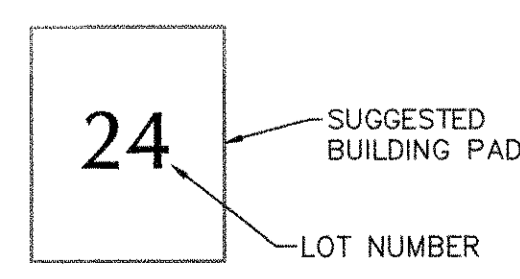
10' MAINTENANCE ACCESS DRIVE
(4" TOPSOIL OVER 8" GRAVEL,
MAX. SLOPE 12%)

NOTE:
THE PROPOSED SEPTIC FIELD LOCATIONS
WHICH ARE NOT ALREADY PROTECTED WITH
PERIMETER SILT FENCING ARE TO BE
PROTECTED WITH CONSTRUCTION FENCING.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511
WISCONSIN STATUTE 182.0175 (1974)
REQUIRES MINIMUM 3 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

THE LOCATION AND SIZE OF ALL UNDERGROUND STRUCTURES SHOWN ON THESE PLANS HAVE BEEN LOCATED TO A REASONABLE DEGREE OF ACCURACY, BUT THE ENGINEER DOES NOT GUARANTEE THEIR EXACT LOCATION NOR THE LOCATION OF OTHERS NOT SHOWN.

BUILDING PAD LEGEND:

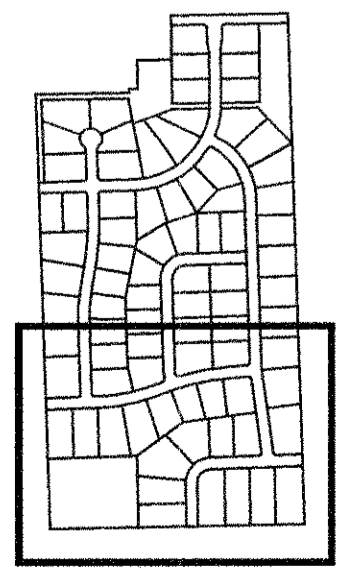
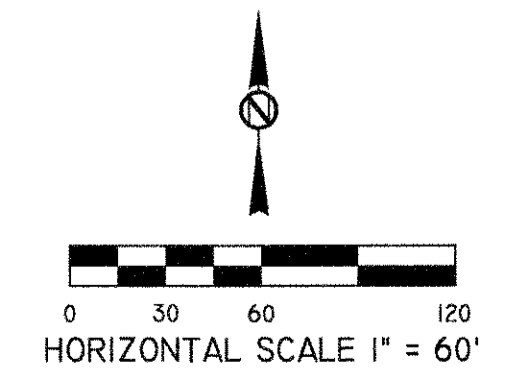


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LEGEND

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- x957.60 PROP. SPOT ELEVATION
- ⇒ SUGGESTED DRAINAGE PATTERN
- ⌒ EXISTING TREE LINE
- ⌒ PROPOSED TREE LINE
- PROP. SILT FENCE
- ▨ PROPOSED RIP RAP/PERMANENT TURF REINFORCEMENT MAT (CLASS III TYPE-A)
- ▨ PROPOSED MULCH/NETTING
- ▨ PROPOSED LOW VELOCITY EROSION MAT (CLASS I TYPE-B)
- ▨ PROPOSED HIGH VELOCITY EROSION MAT (CLASS-II TYPE-B)
- ▨ PROPOSED TRACKING PAD
- ▨ PROPOSED TOPSOIL STOCKPILE
- PROPOSED DITCH CHECK

NOTE:
SEE PLAN AND PROFILE SHEETS FOR
ROADSIDE SWALE RESTORATION SCHEDULE.



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REVISIONS	
	07/16/2007
	08/02/2007
SHEET NUMBER	5
OF	SHEETS

