

PLAN SYMBOLS

CONSTRUCTION NOTES

TABULATION INDEX

BASIS OF ESTIMATED QUANTITIES

CONTRACTOR: SHAFER CONTRACTING, INC. 30405 REGAL AVE., P.O. BOX 128 SHAFER, MN 55074 PHONE: 651-257-5019

FINAL PLAN CONFORMING TO CONST. RECORDS DATE 2/28/04

28-183

RAMSEY COUNTY HIGHWAY 96 S.P. 62-696-06 CTB, S.P. 91-090-07

CONSTRUCTION NOTES, PLAN SYMBOLS & TABULATION INDEX

FILE NO. 7 200

EARTHWORK SUMMARY

NOTES:

CONTRACTOR: SHAFER CONTRACTING, INC. 30405 REGAL AVE., P.O. BOX 128 SHAFER, MN 55074 PHONE: 651-257-5019

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28-183

RAMSEY COUNTY HIGHWAY 96 S.P. 62-696-06 CTB, S.P. 91-090-07

EARTHWORK SUMMARY & STANDARD PLATES

FILE NO. 6 200

PAVEMENT SAWING

CONTRACTOR: SHAFER CONTRACTING, INC. 30405 REGAL AVE., P.O. BOX 128 SHAFER, MN 55074 PHONE: 651-257-5019

FINAL PLAN CONFORMING TO CONST. RECORDS DATE 2/28/04

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RAMSEY COUNTY HIGHWAY 96 S.P. 62-696-06 CTB, S.P. 91-090-07

TABULATIONS

FILE NO. 7 200

PAVEMENT/WALK/CURB REMOVAL

MISCELLANEOUS REMOVALS, SALVAGE & RELOCATE ITEMS

CONTRACTOR: SHAFER CONTRACTING, INC. 30405 REGAL AVE., P.O. BOX 128 SHAFER, MN 55074 PHONE: 651-257-5019

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RAMSEY COUNTY HIGHWAY 96 S.P. 62-696-06 CTB, S.P. 91-090-07

TABULATIONS

FILE NO. 8 200

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NOTES:
LENGTHS INCLUDE APRON.
OFFSET & STATION GIVEN TO TOE OF APRON

CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE T.M. 2/04

CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE 7.14.2/04

① FOR INFORMATION ONLY, PAVEMENT AREA INCLUDED
IN STANDARD WIDTH AND IRREGULAR PAVEMENT AREAS

② USE COLORED CONCRETE, SEE SPECIAL PROVISIONS.

DRAWING STATUS	ORIGIN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of California. 	RAMSEY COUNTY HIGHWAY 96 S.P. 62-195-16 (T.P. S.P. 9) 950-07	TABULATIONS	FILE NO. RANGE 9601-02	10 20
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CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
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SANITARY SEWER NOTES:

- ① SEE DETAILS FOR SANITARY MANHOLE DESIGN
② INVERTS SHALL BE VERIFIED AND MATCHED IN THE FIELD

CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 12
SHAFFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
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DATE 7/24/04

CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 12
SHAFFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
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DATE 7/24/04

10-10-68

CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE Feb. 2/04

28-183

TABULATIONS

FILE NO.	13
RAM5E601.02	200



DETAILS

RAMSEY01.02	

WATERMAIN NOTES:

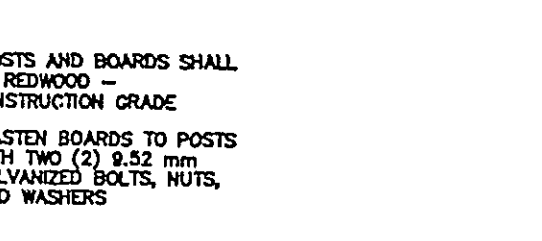
- ① INCLUDES TRANSITION COUPLERS
- ② INCLUDES ALL ADJUSTMENTS
- ③ 1.52 m DIA MANHOLE

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28-183

FILE NO.	14
RAMSEY01.02	200



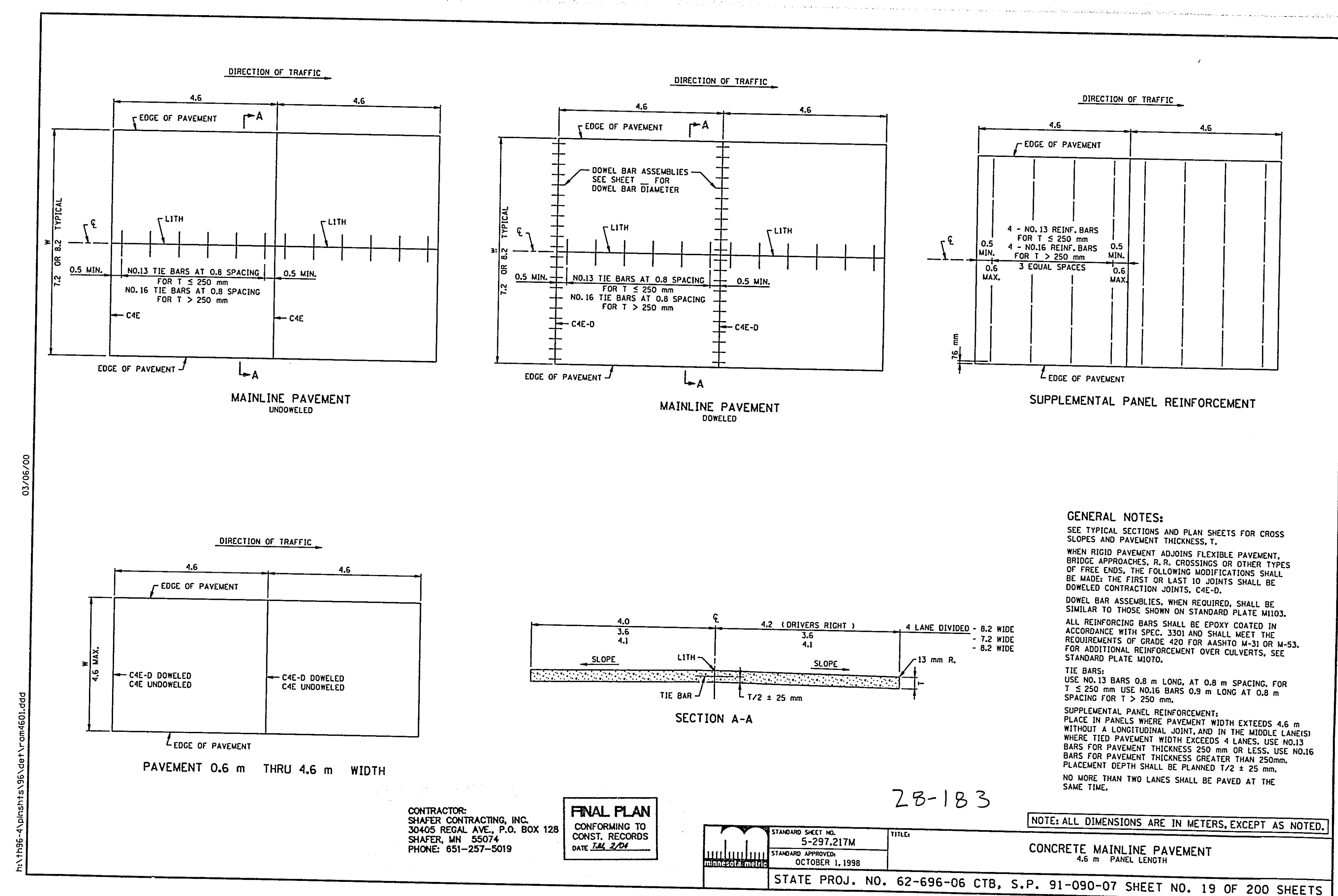
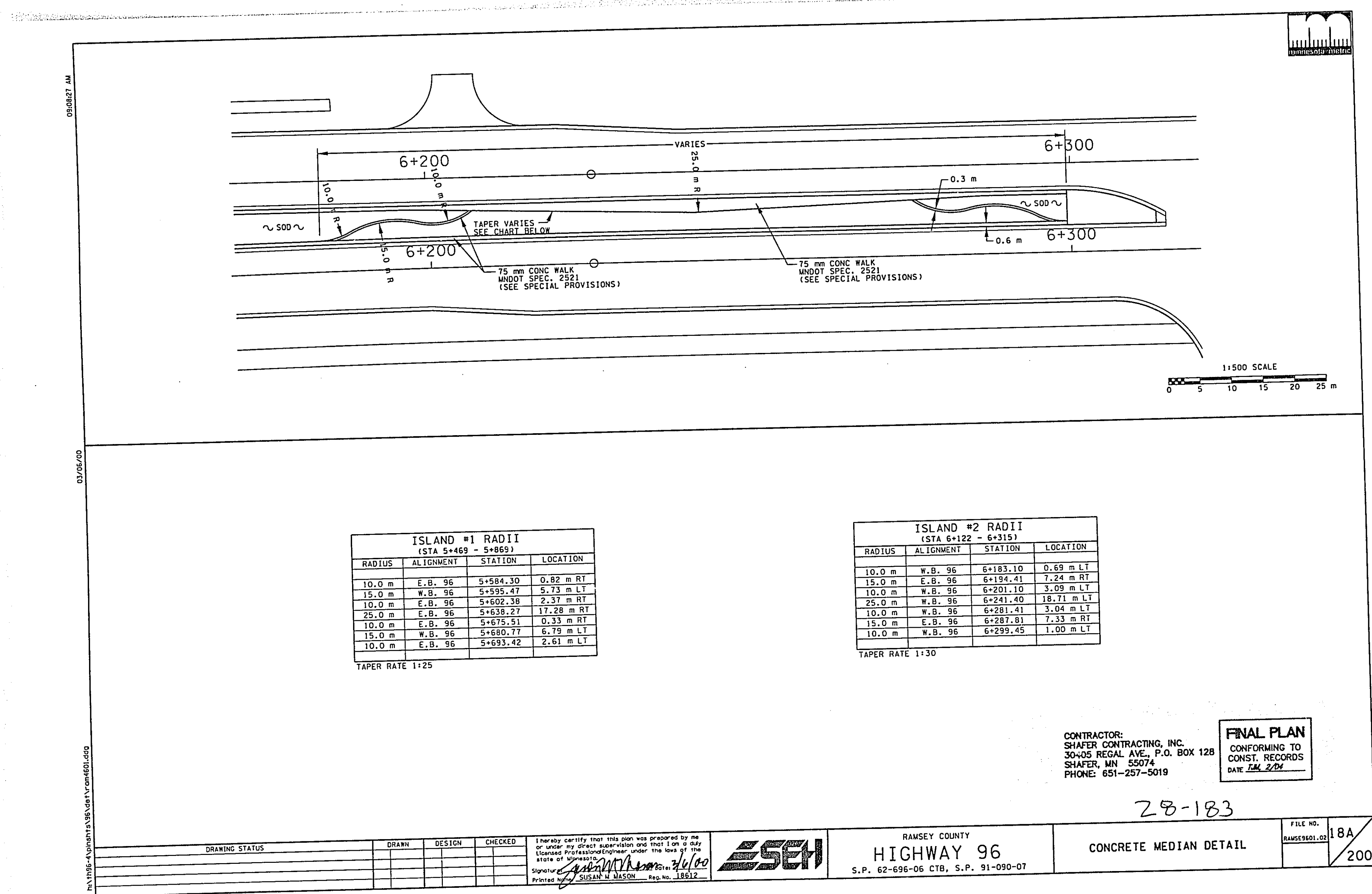
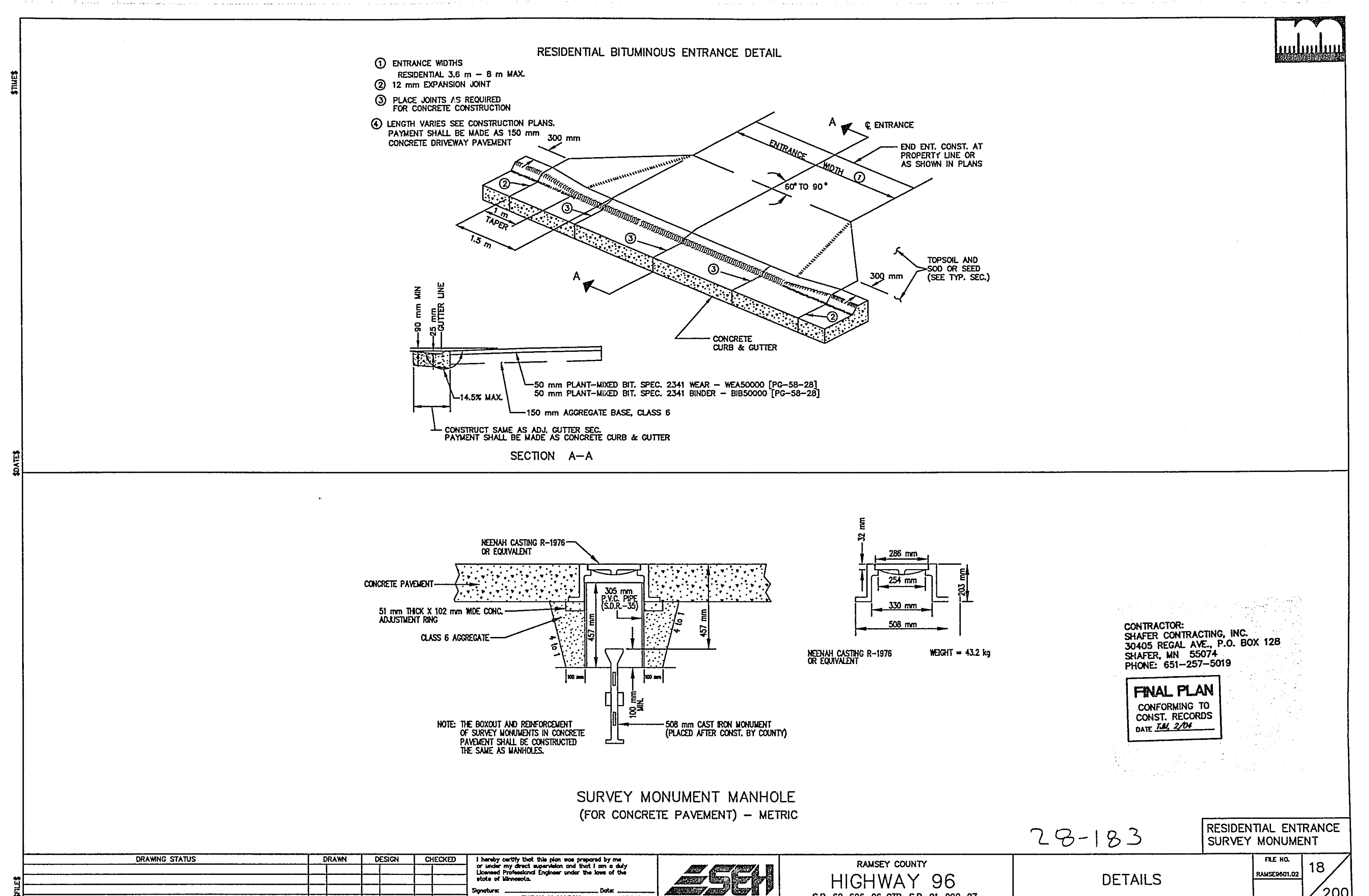
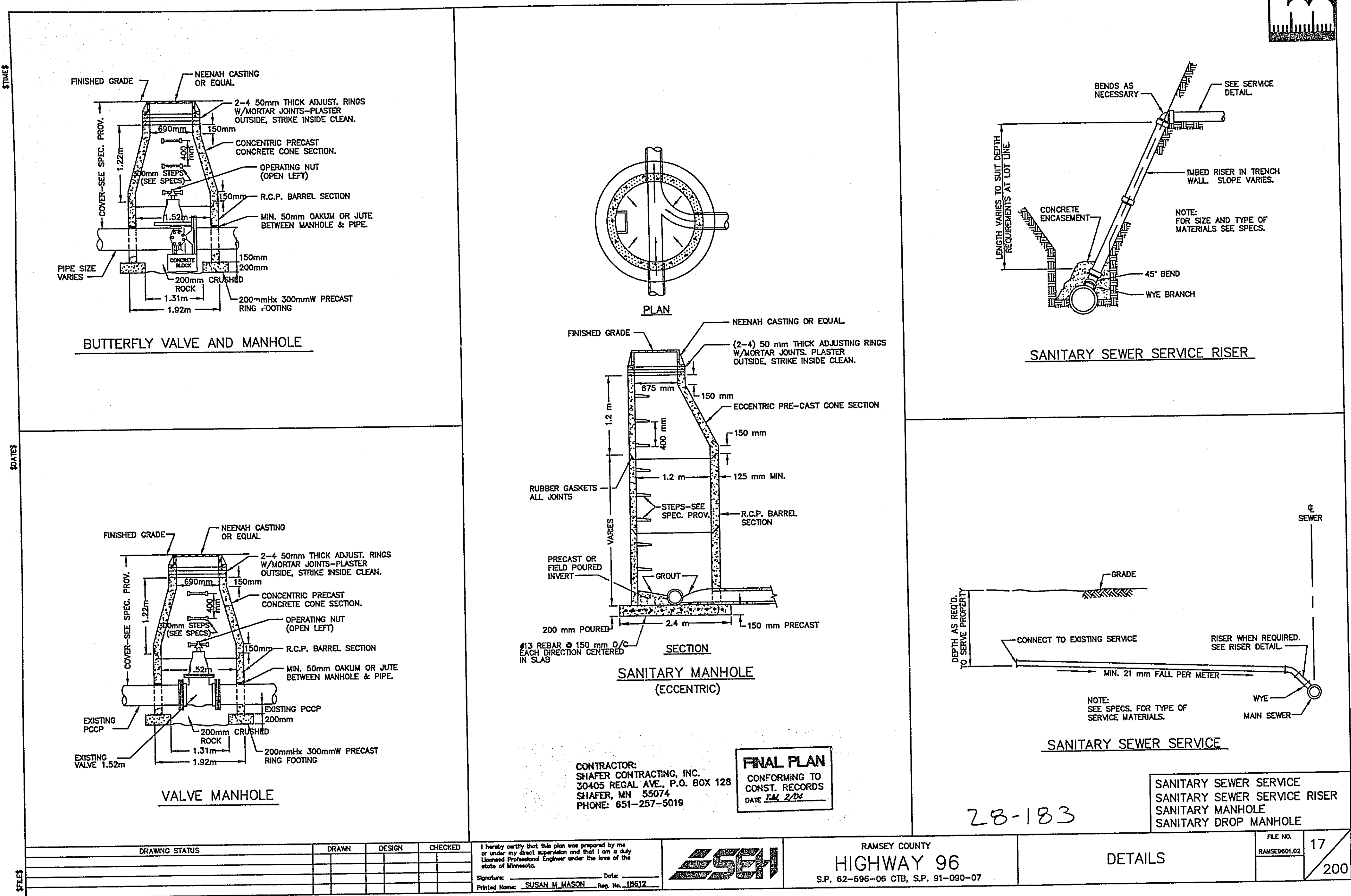
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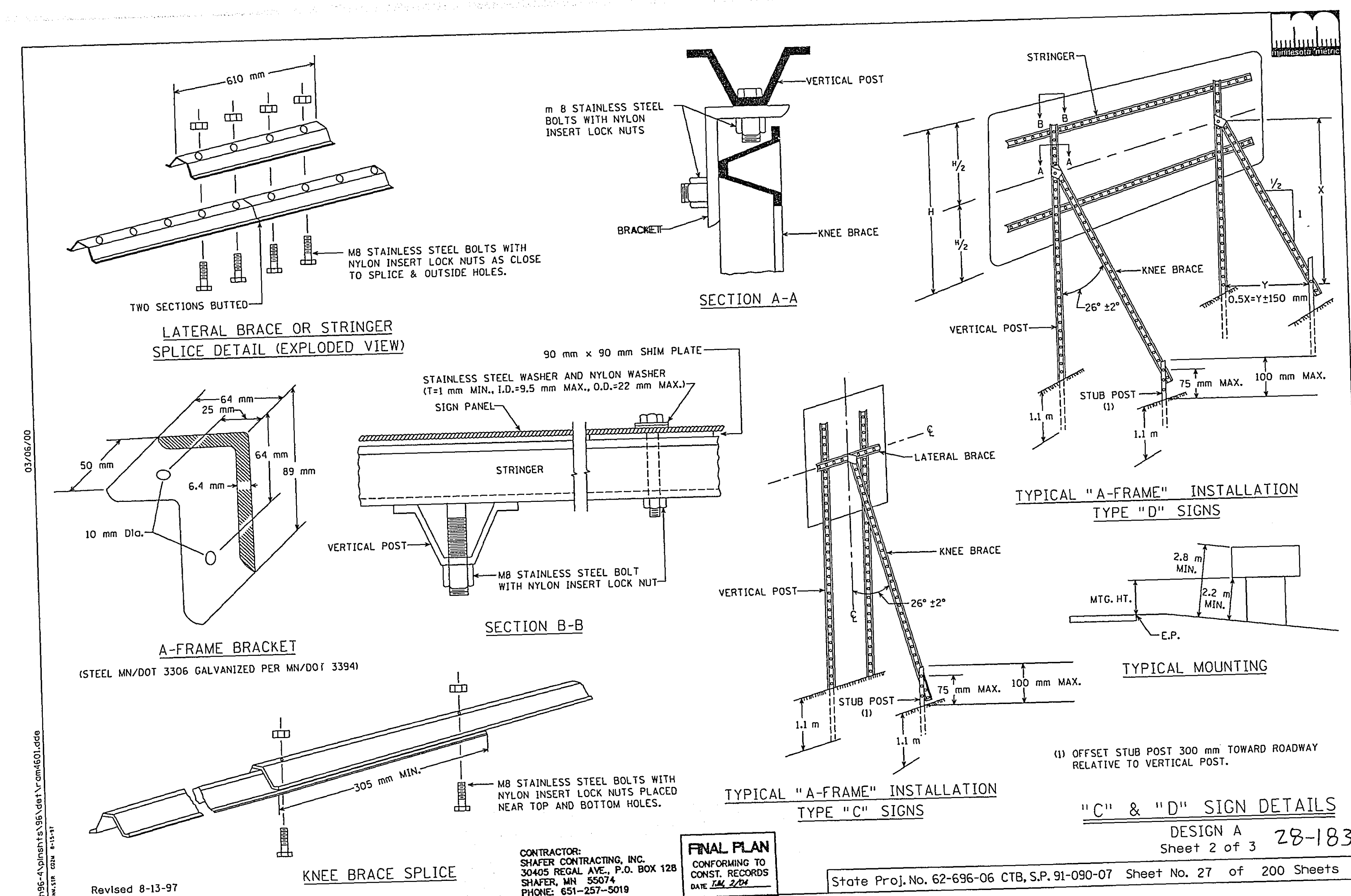
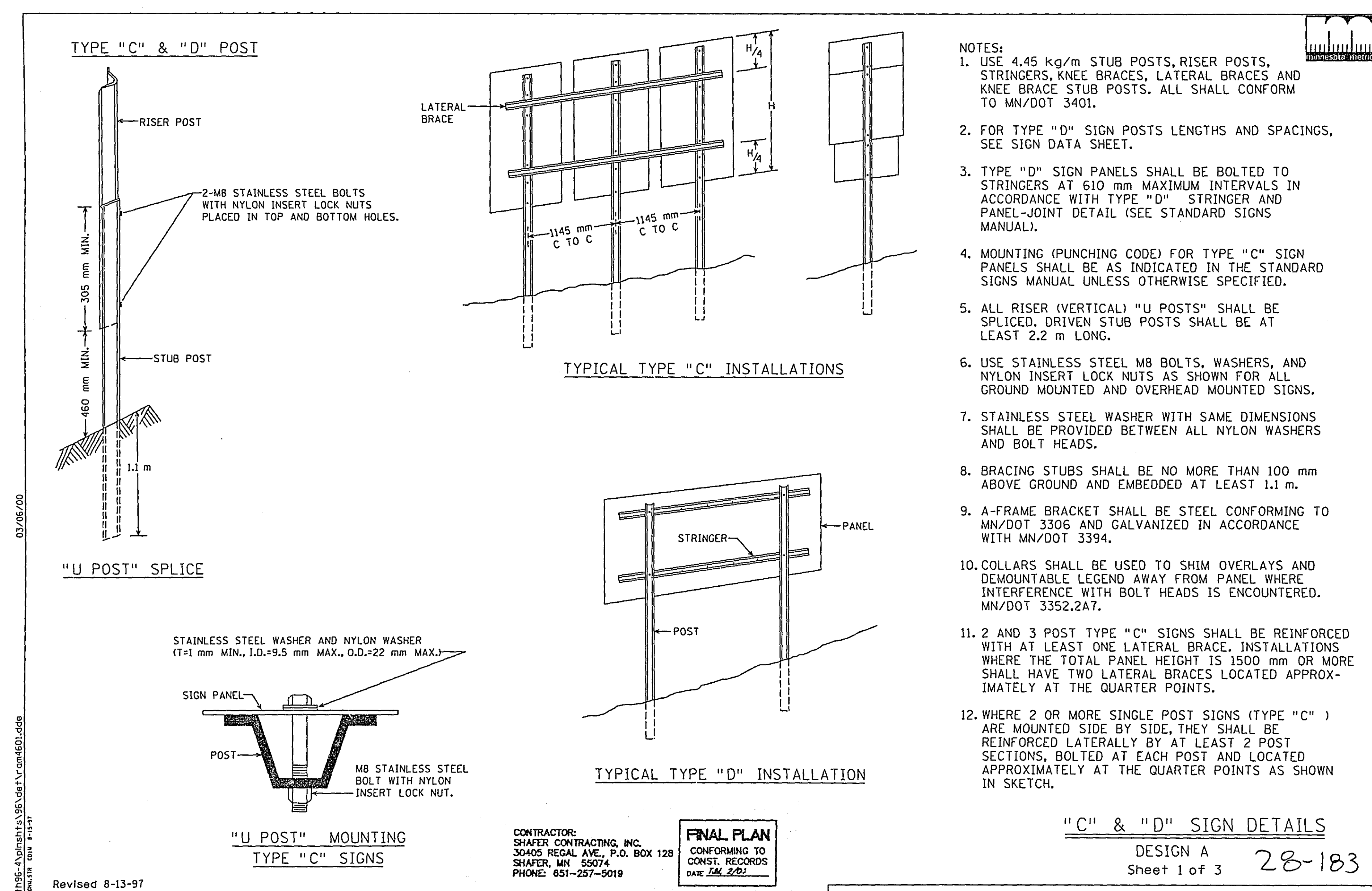
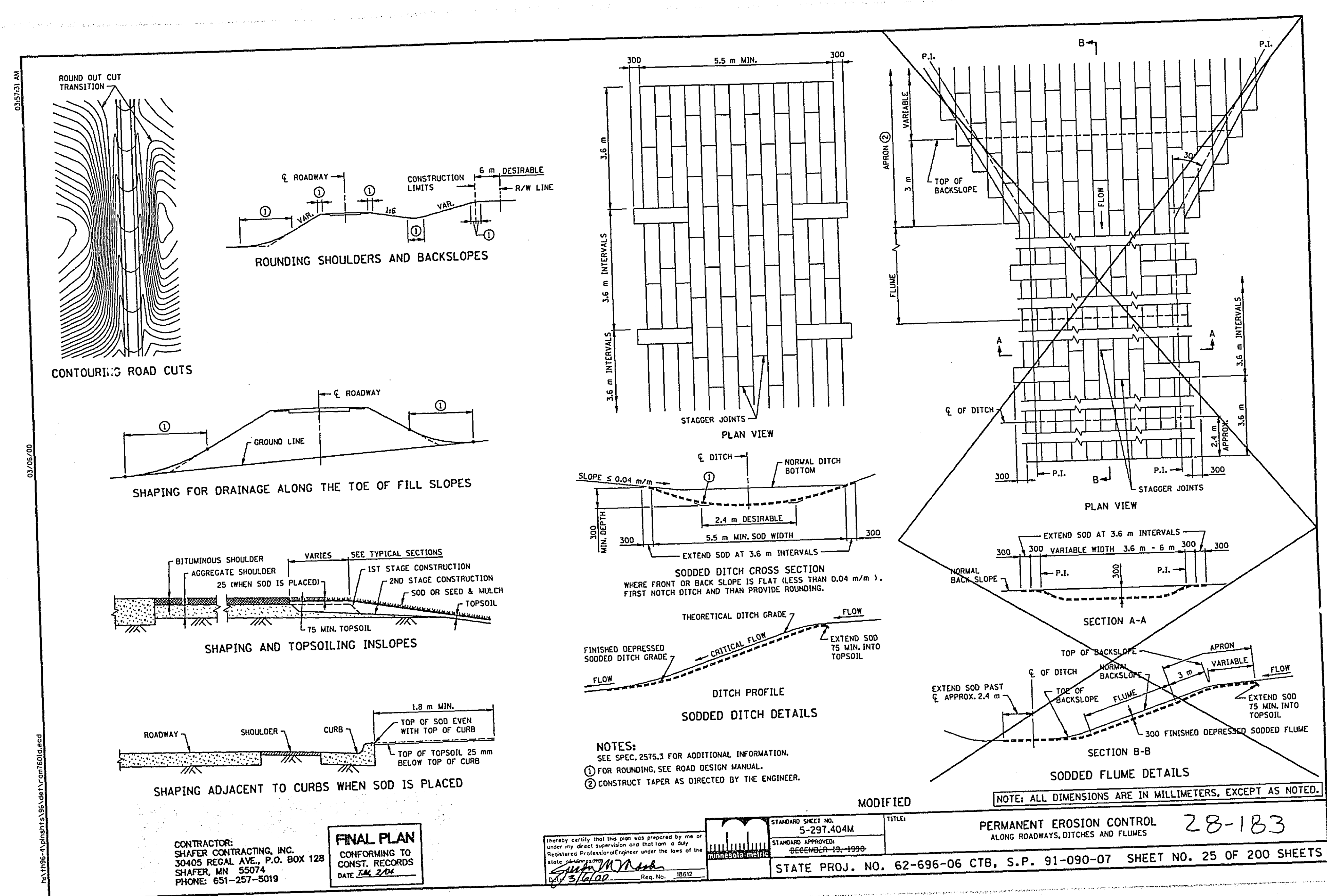
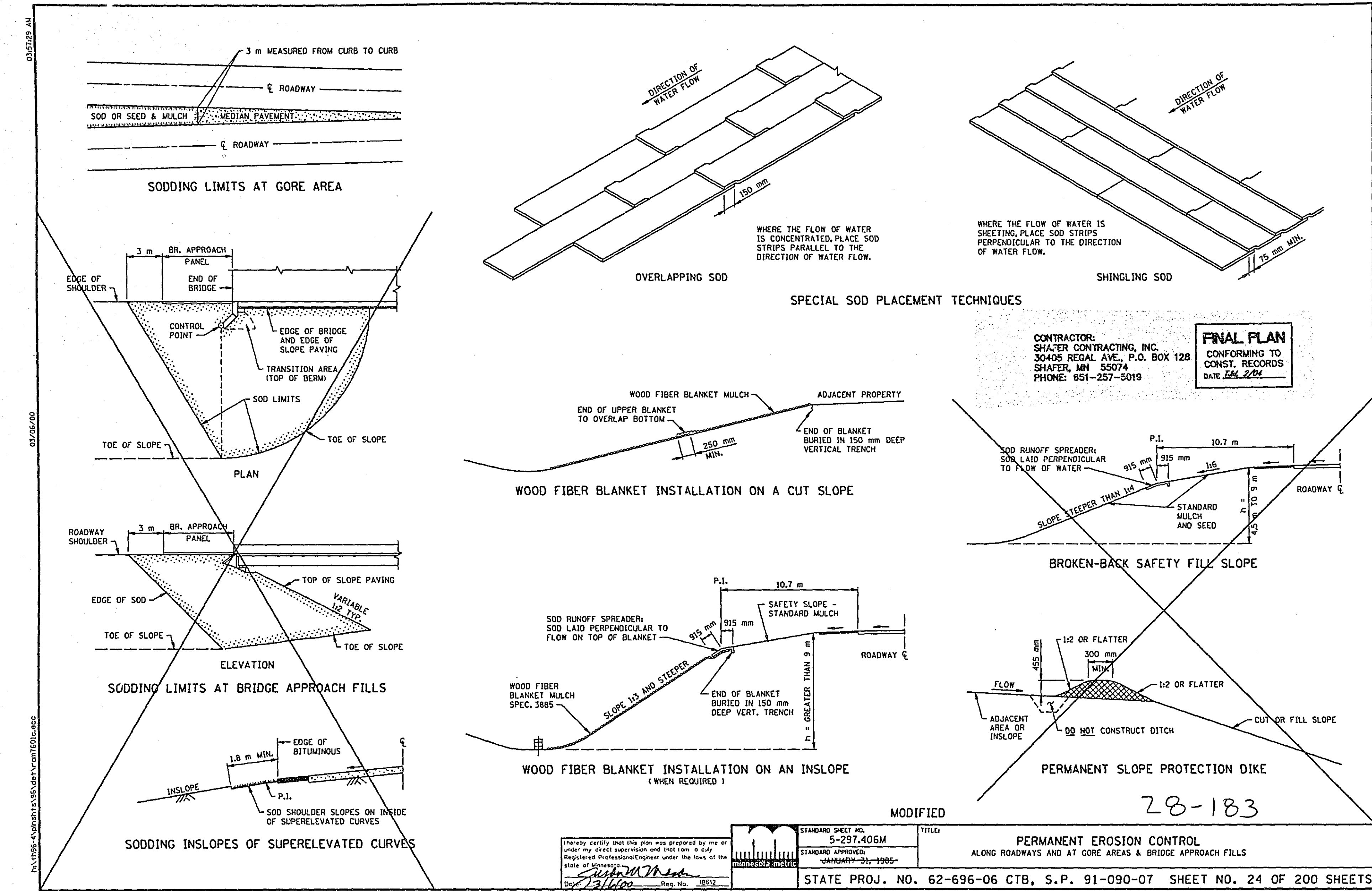
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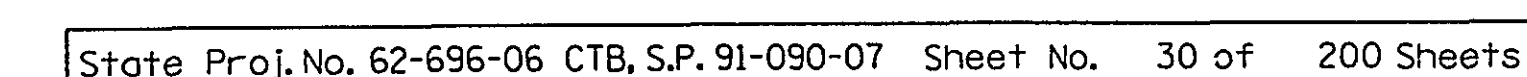
DETAILS

4020 DETAIL
TUBES SHOWN

TIMBER SKIMM	FILE 1
	RAMSEY







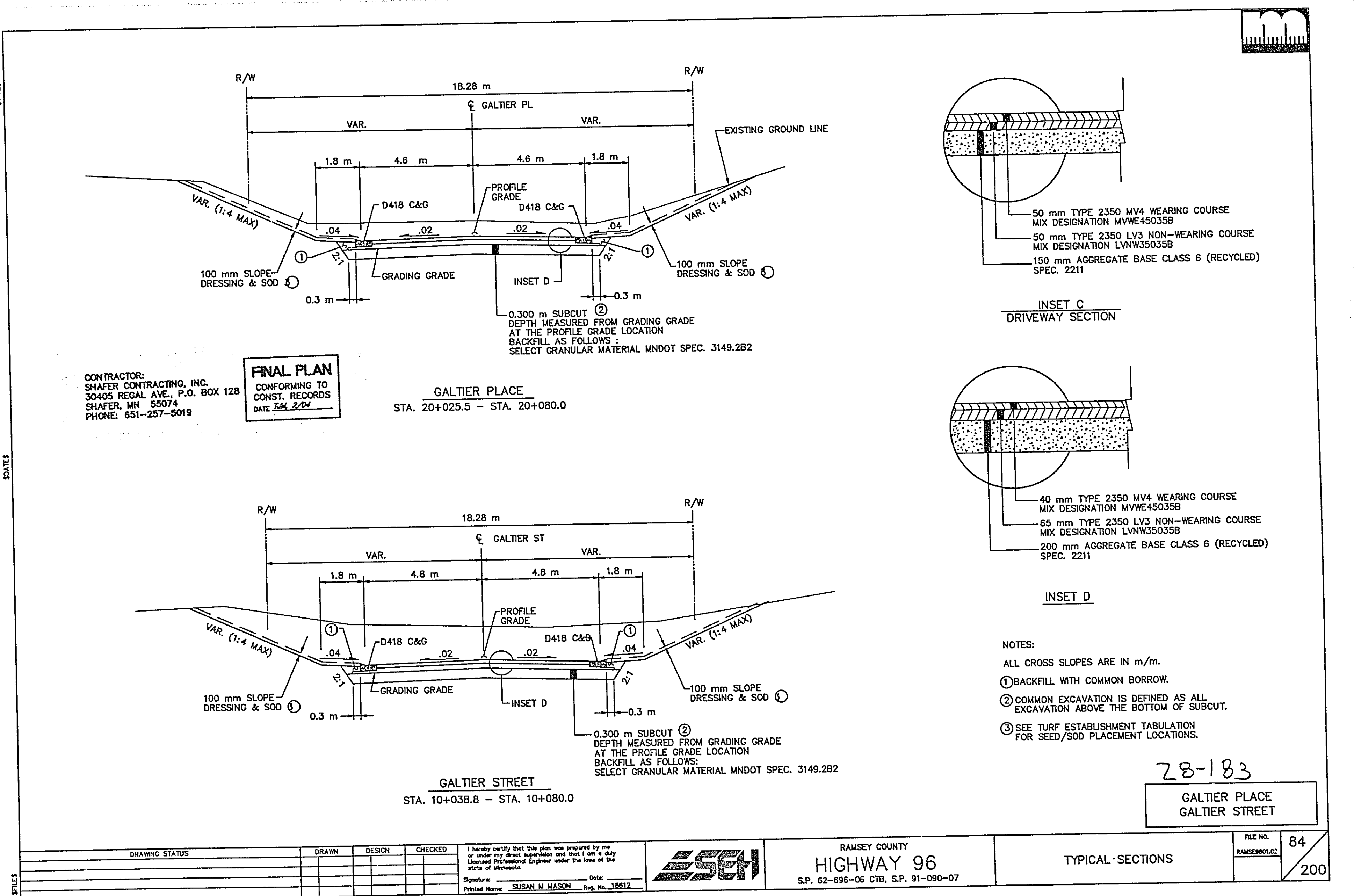
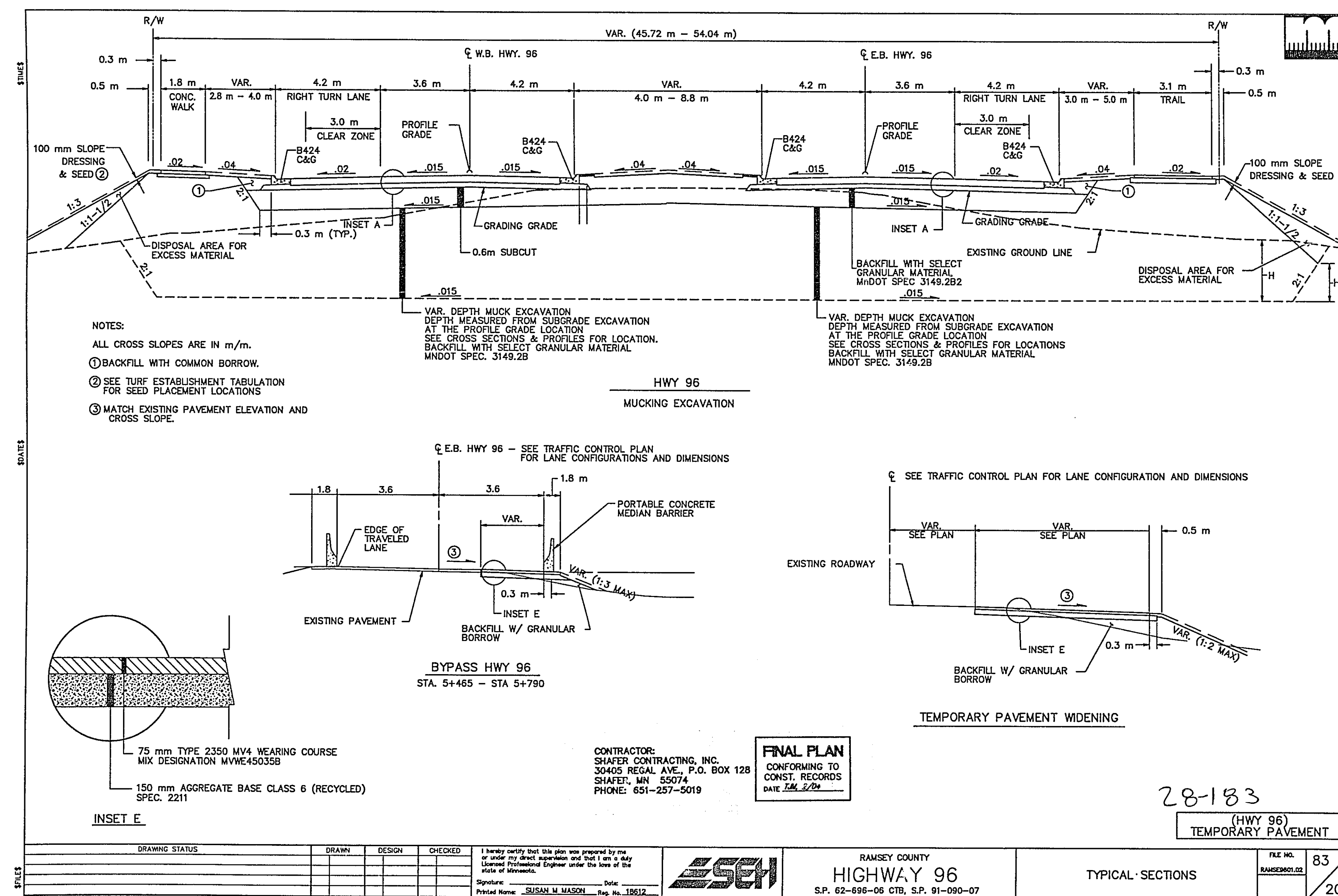
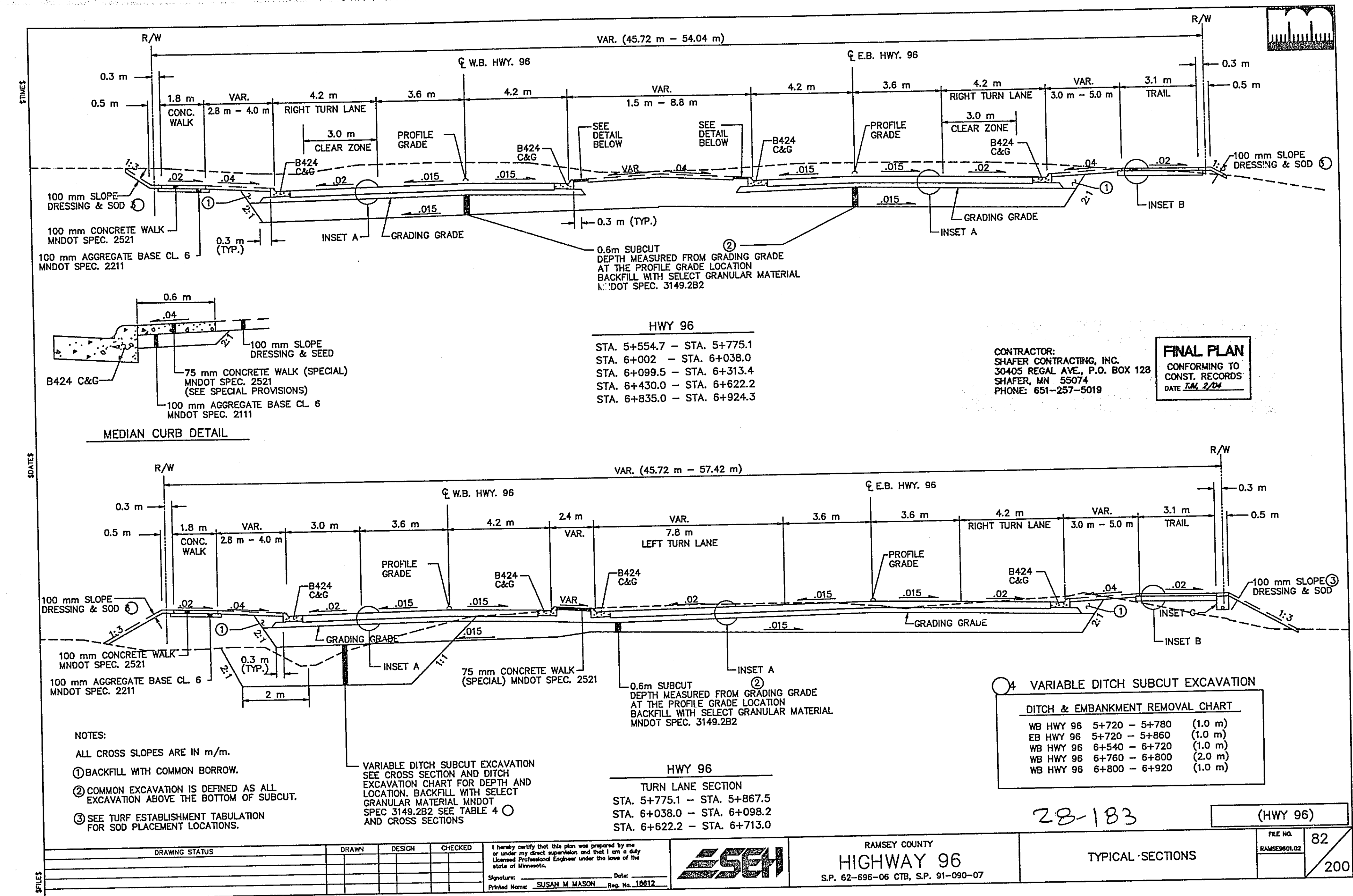
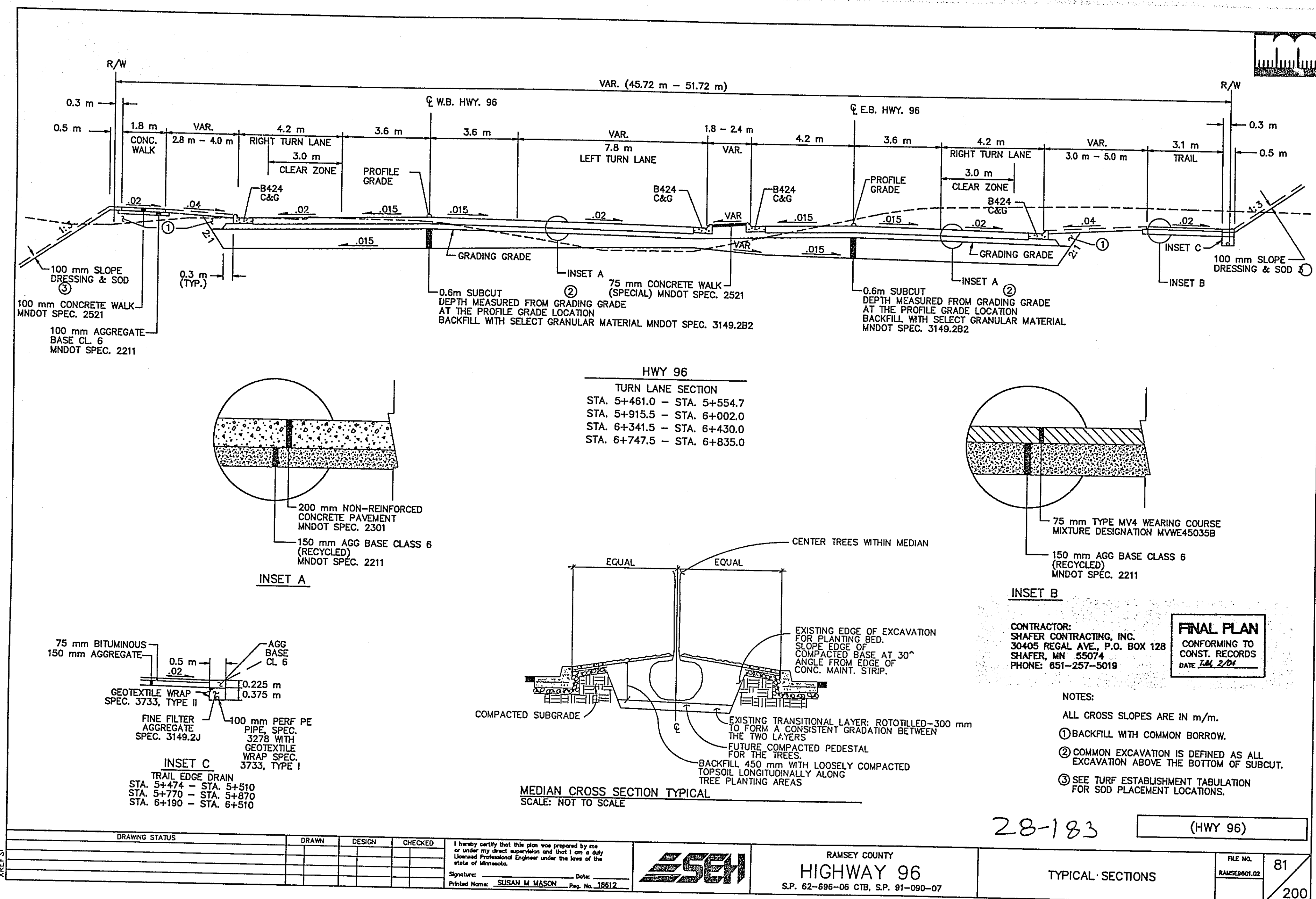
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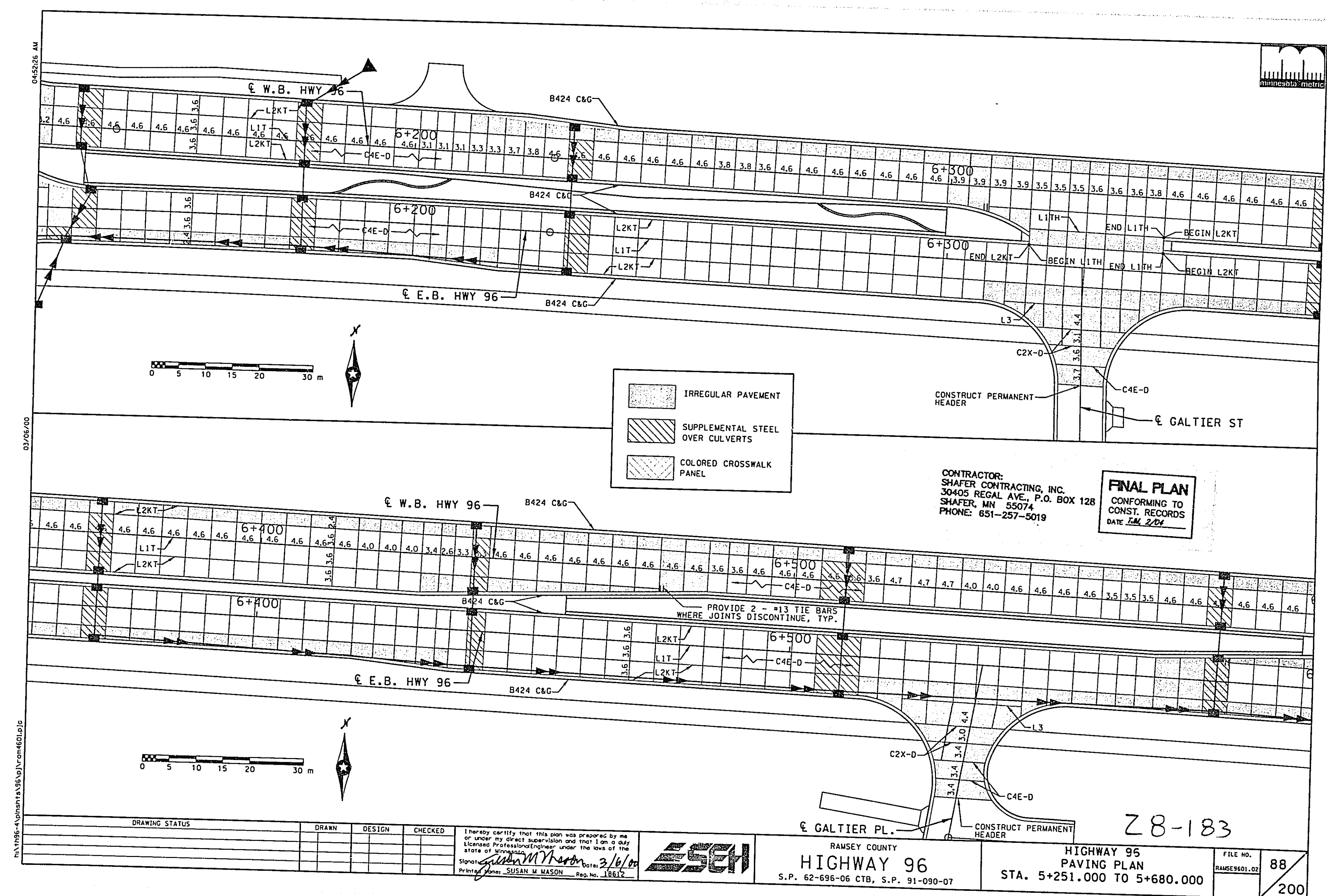
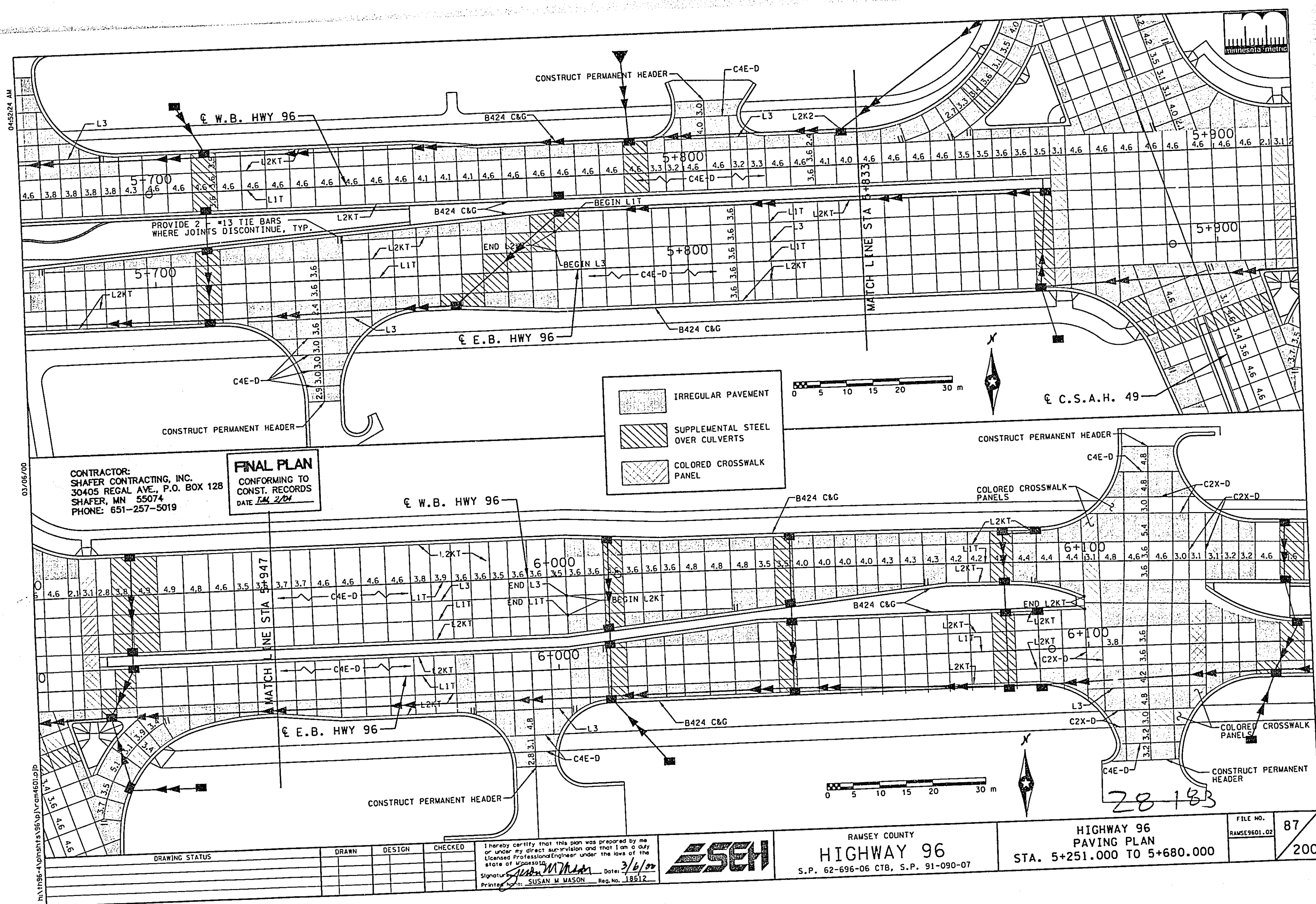
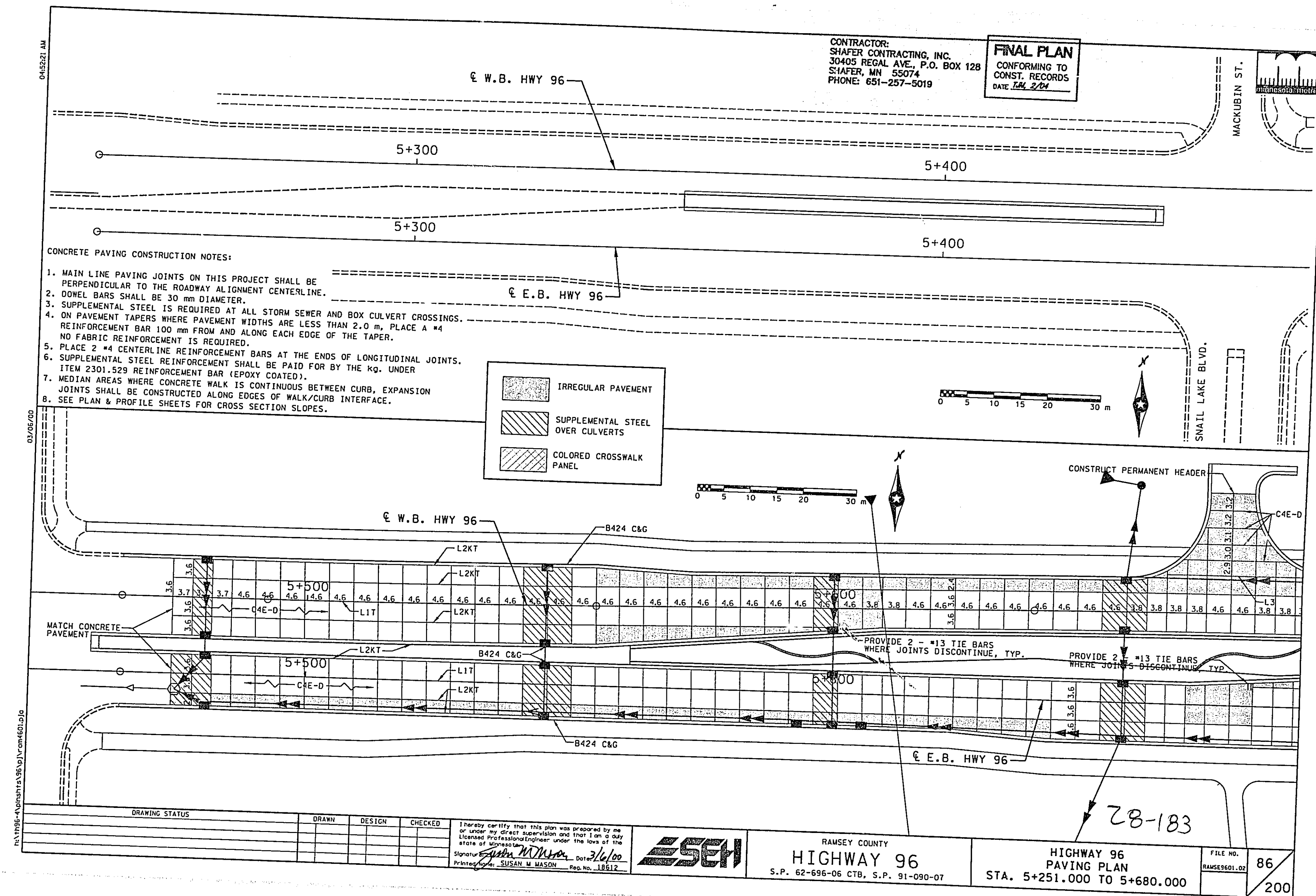
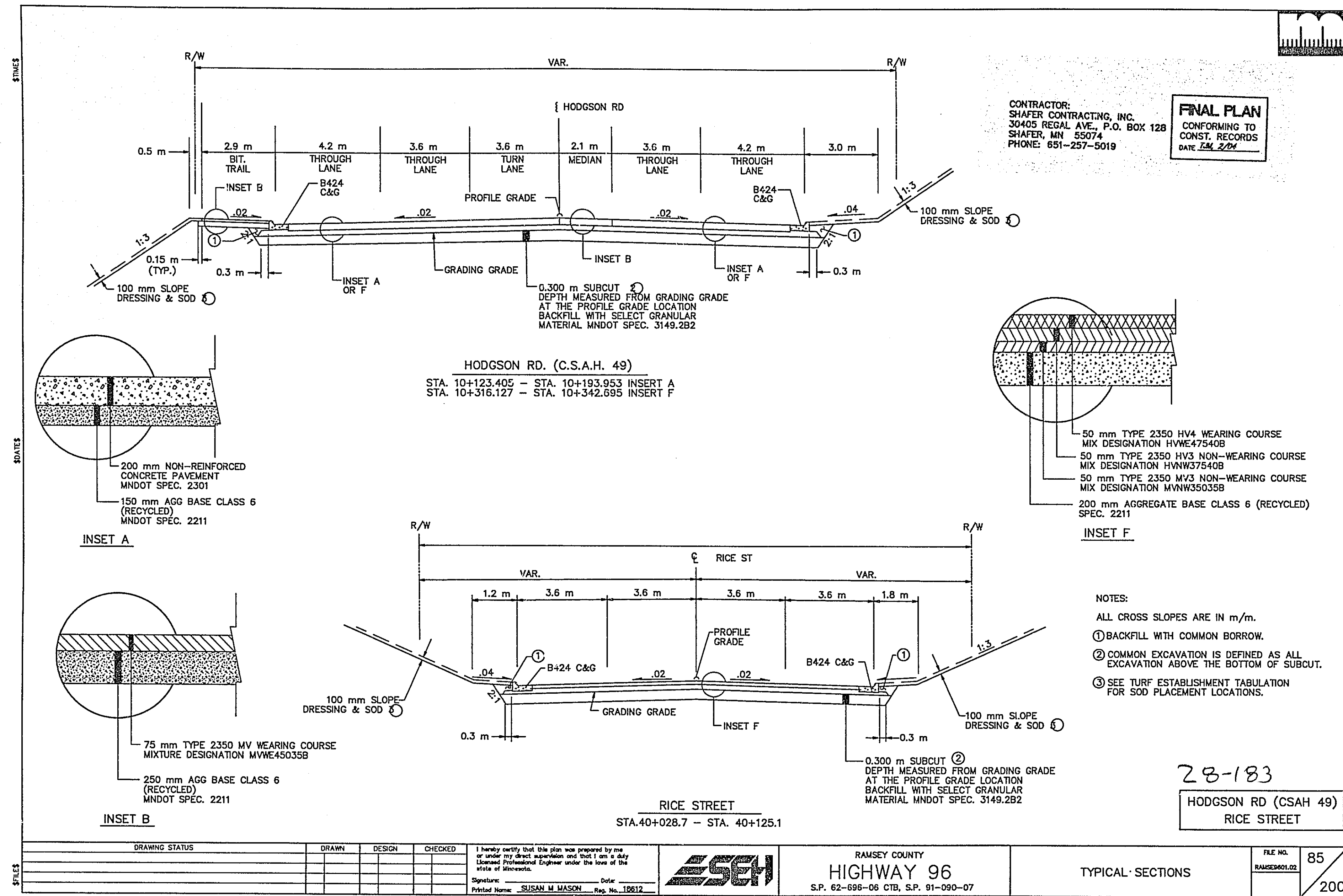
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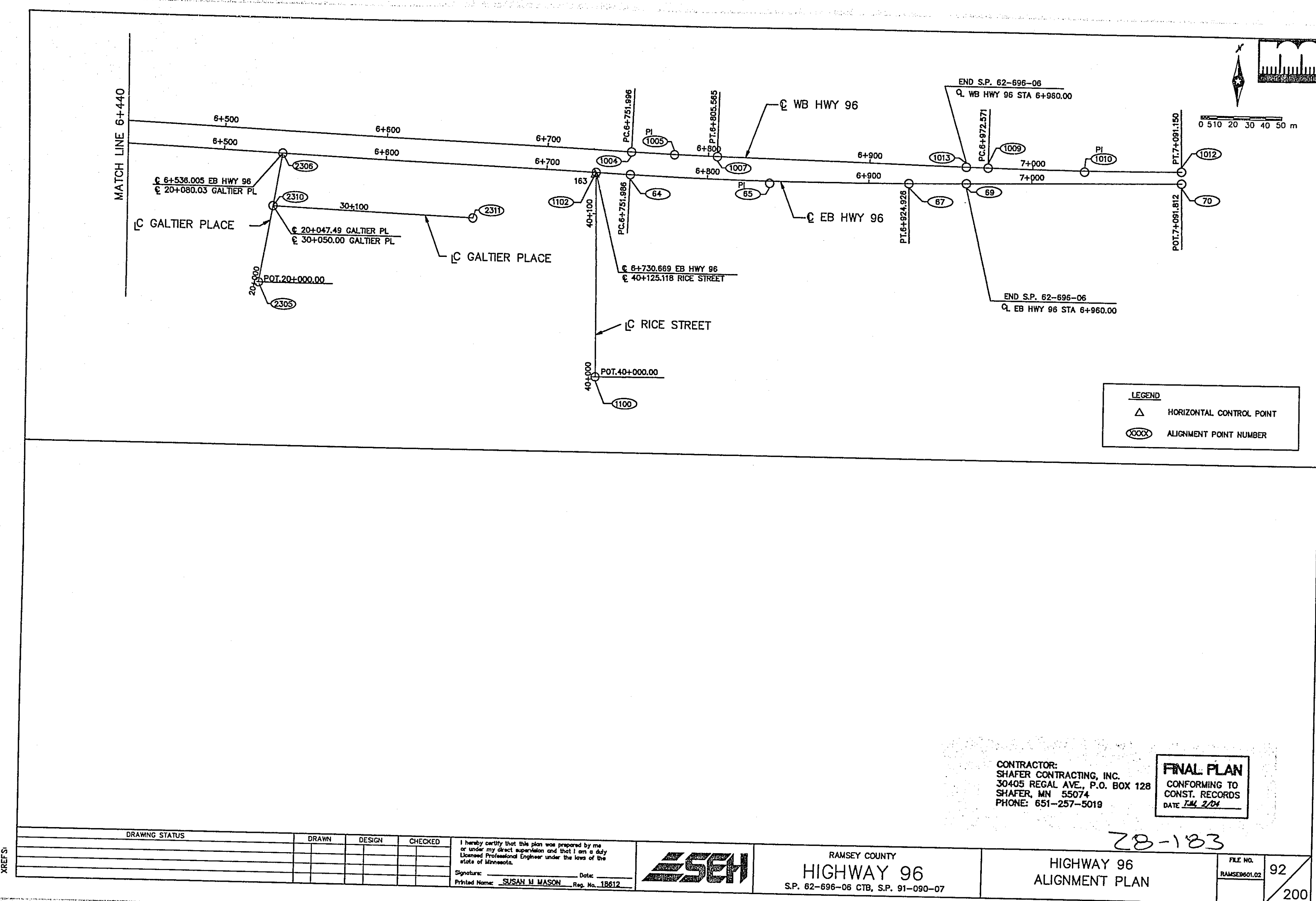
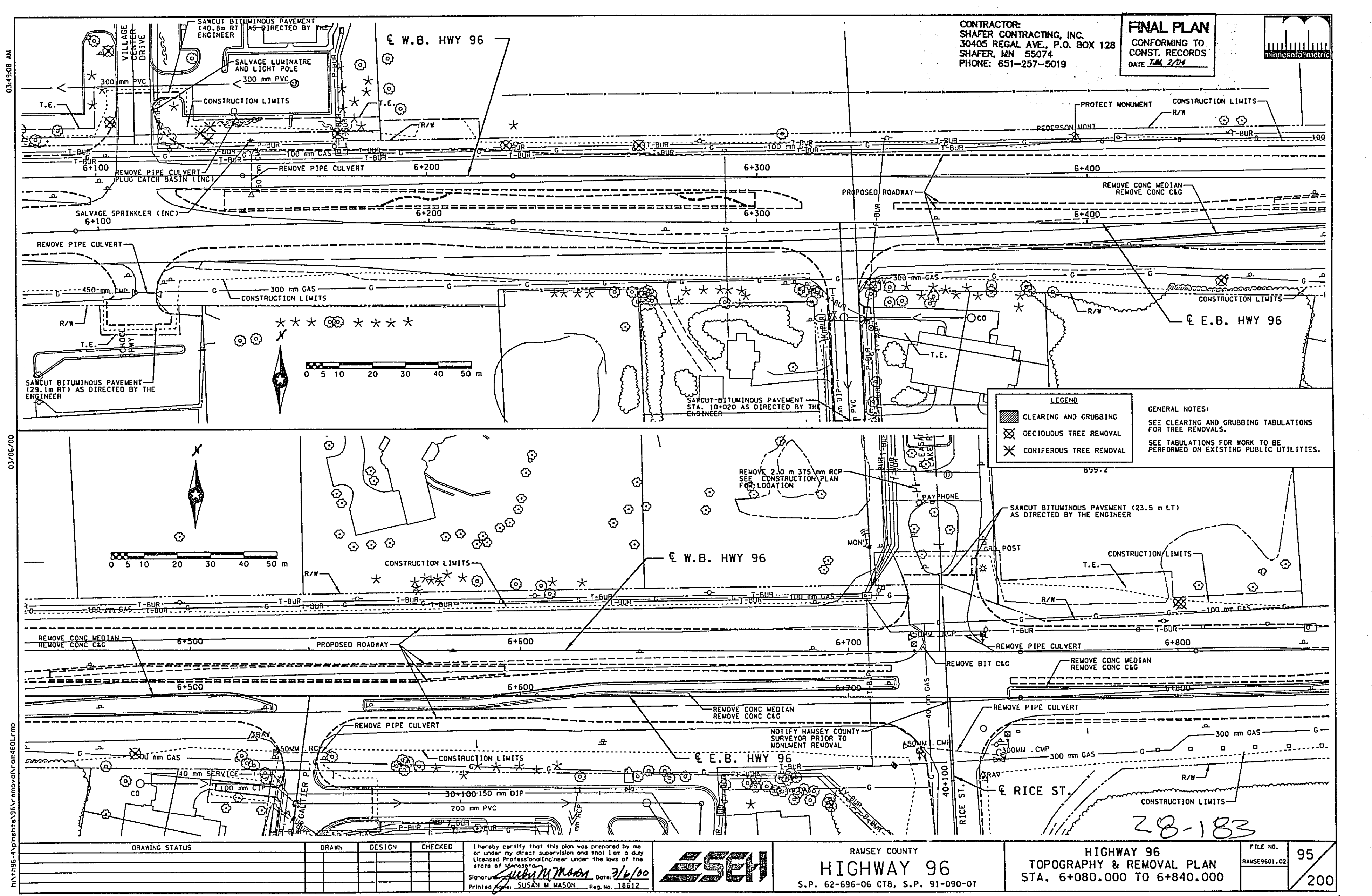
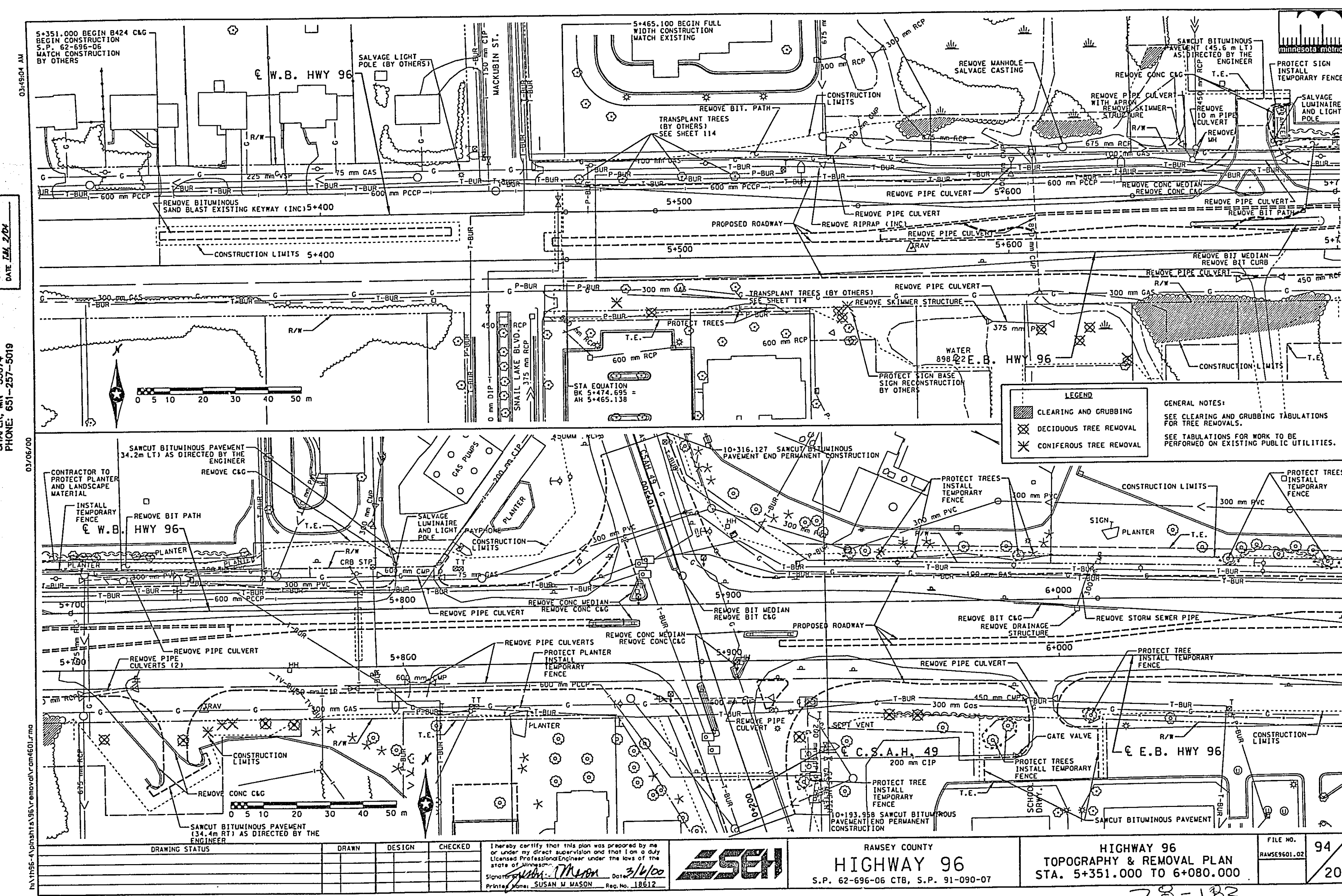
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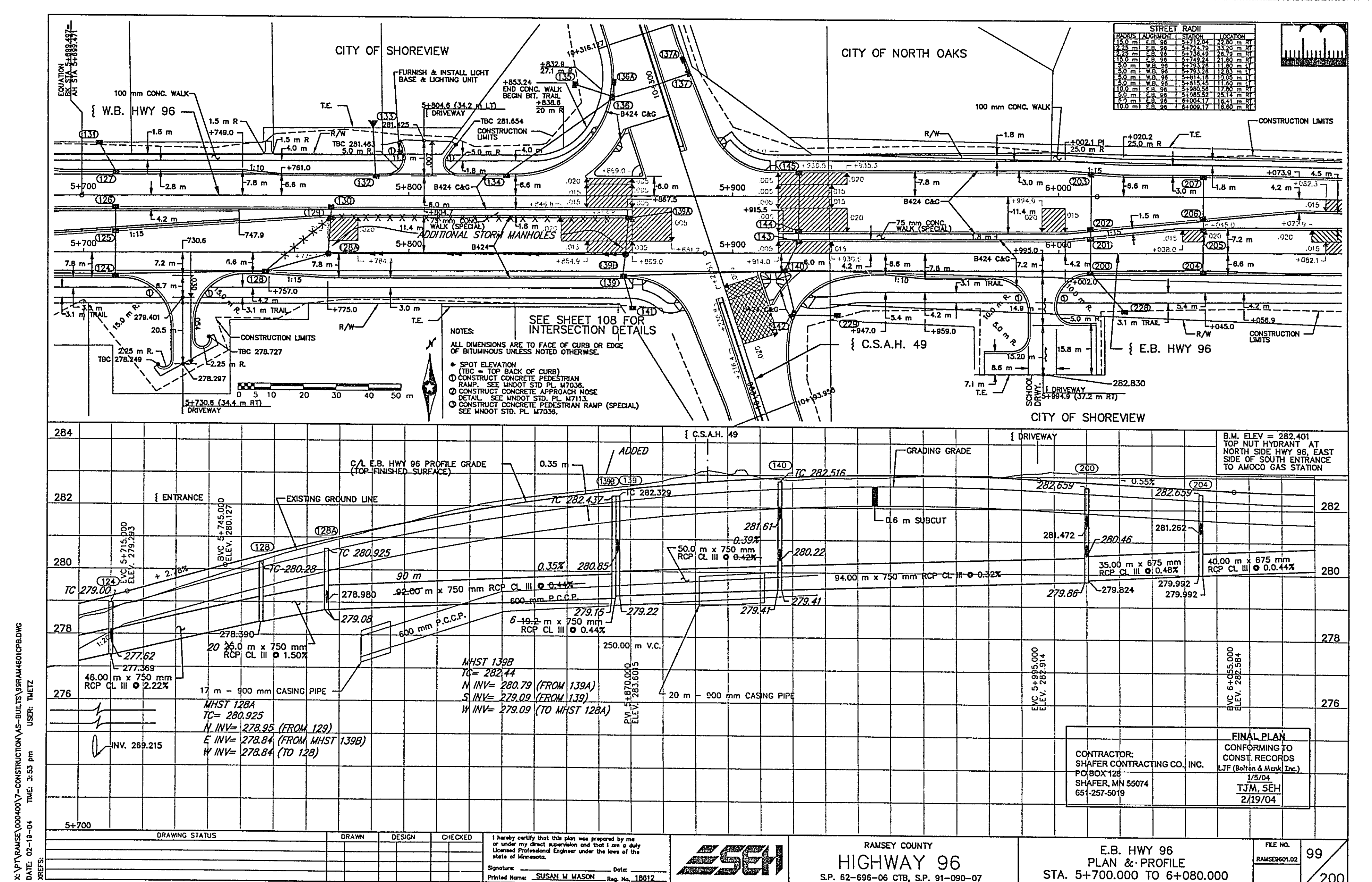
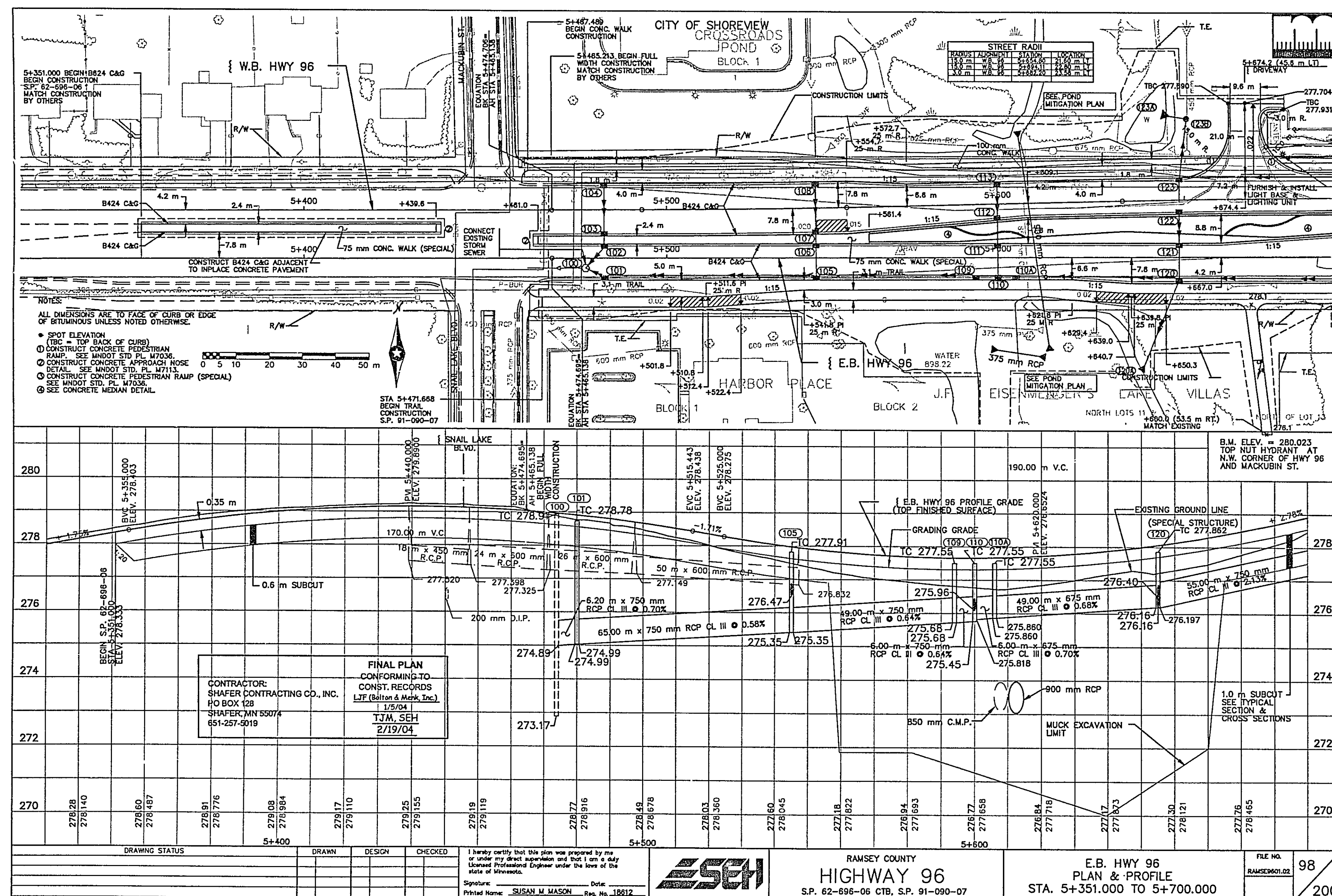
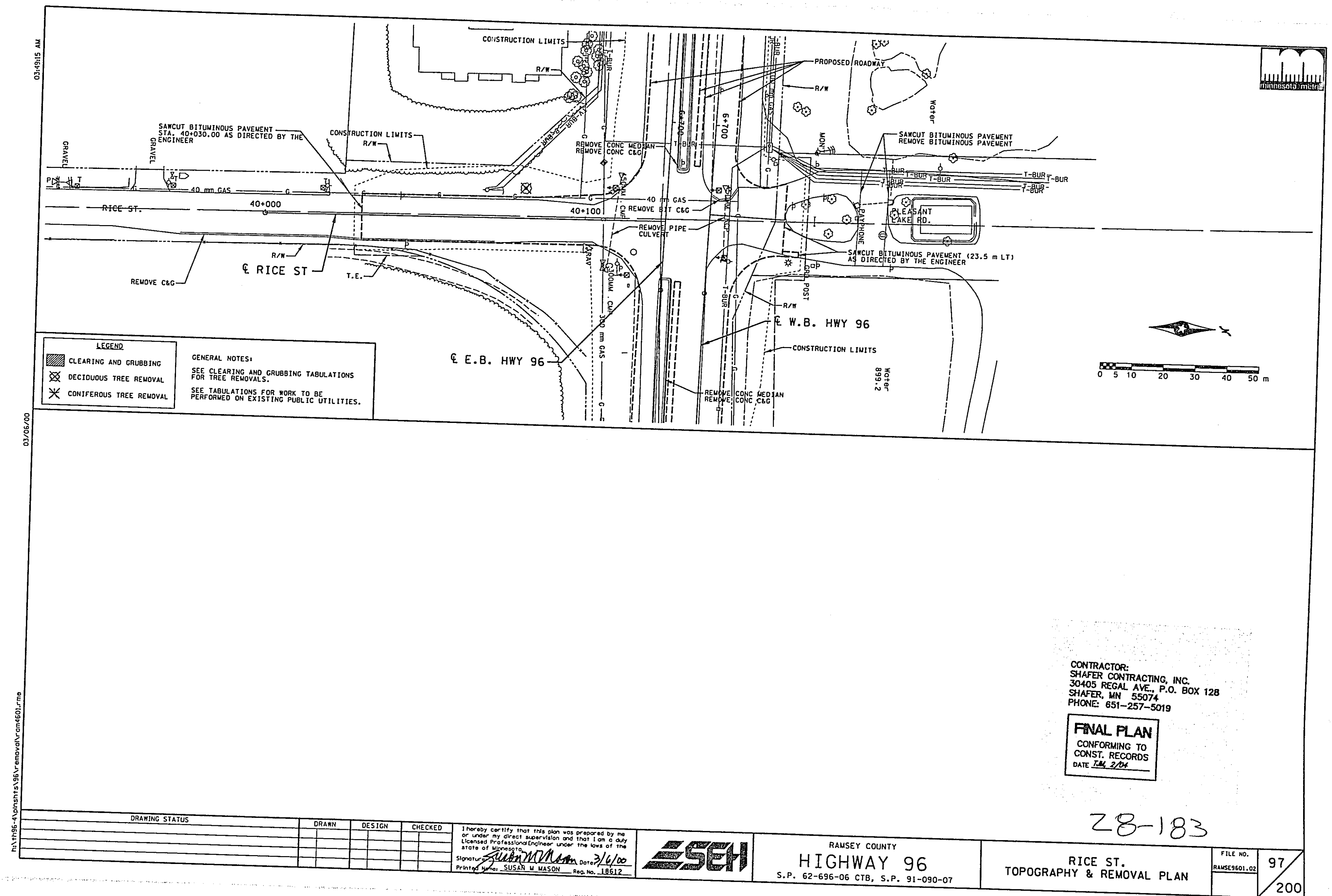
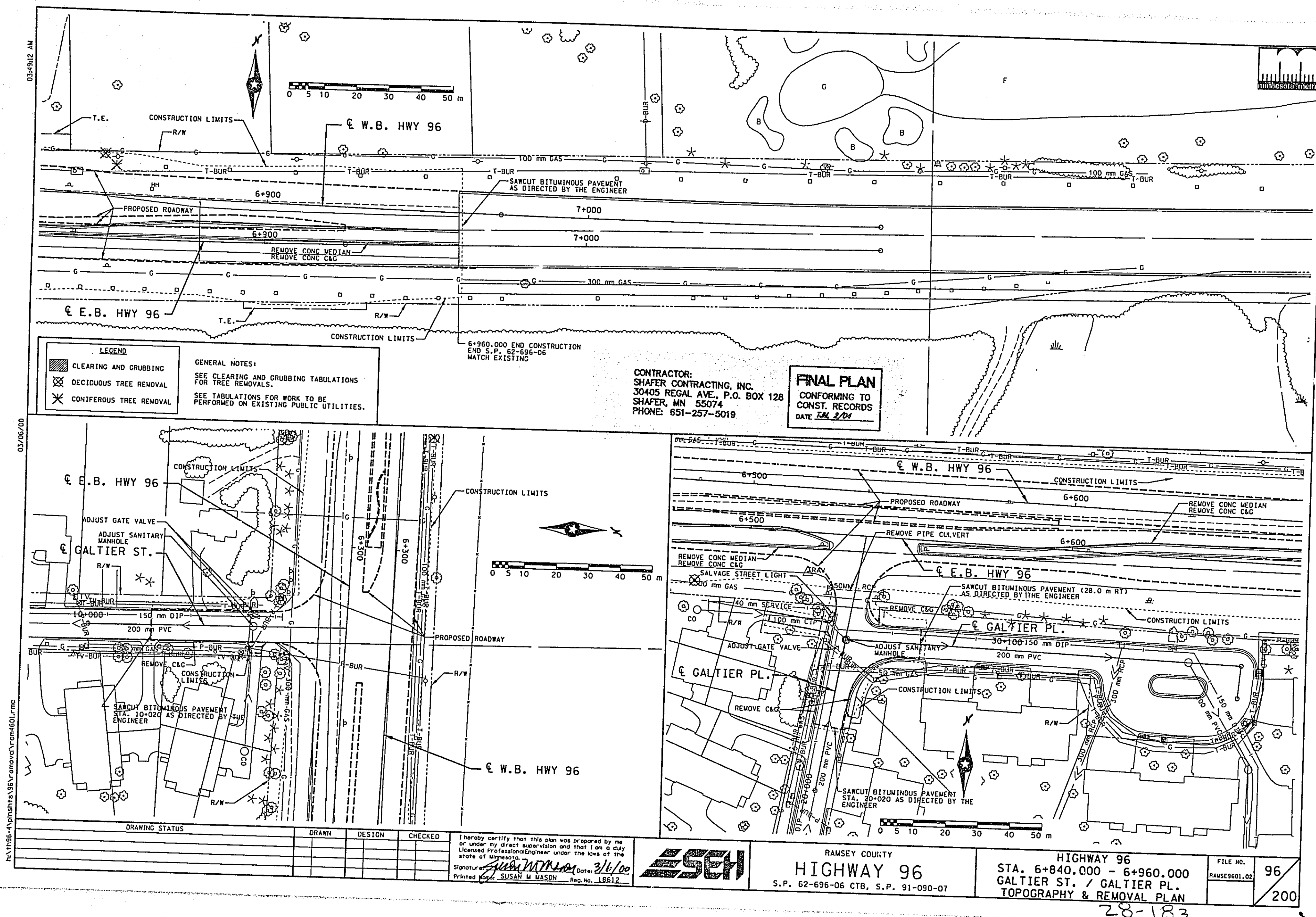
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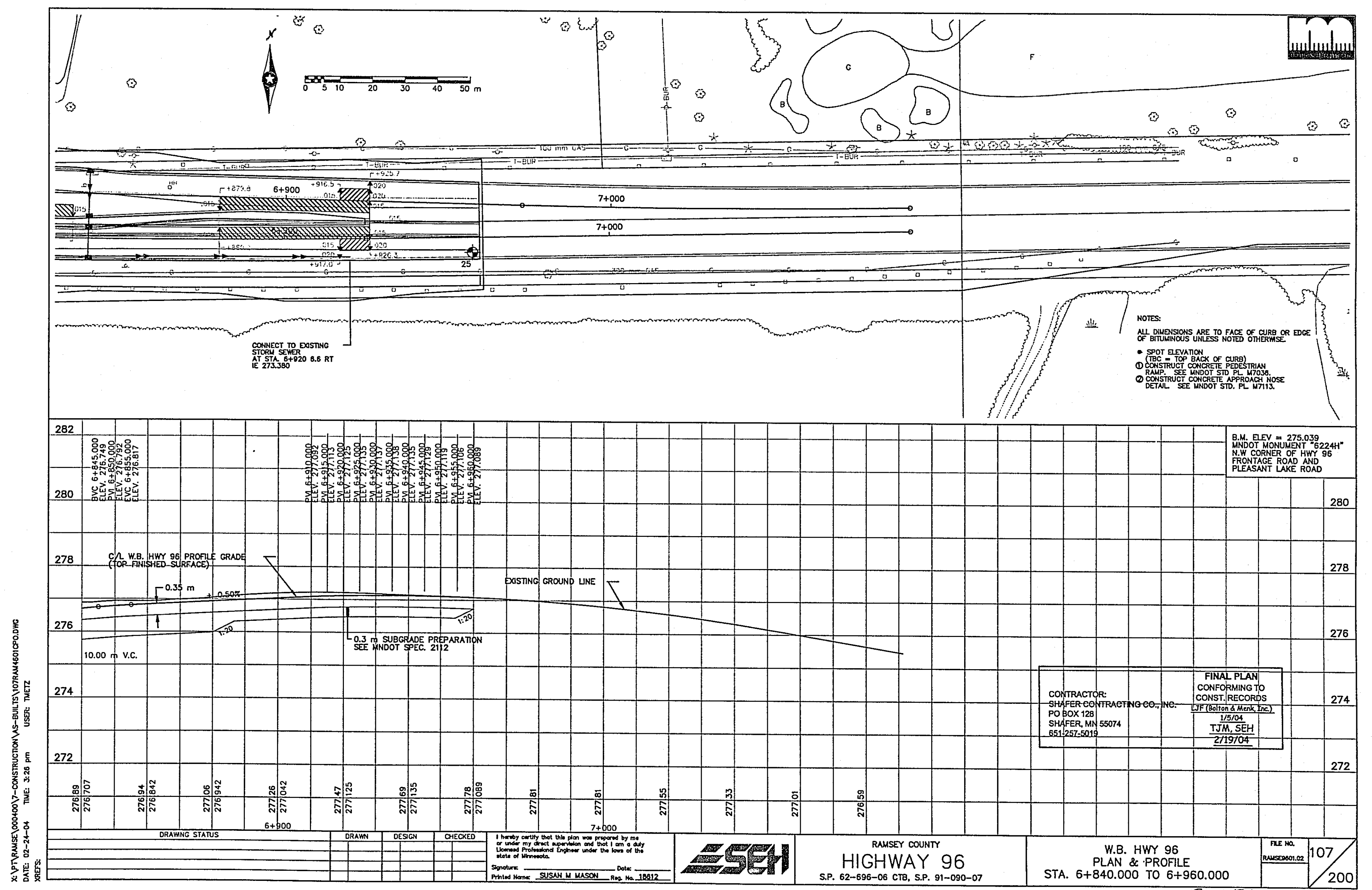
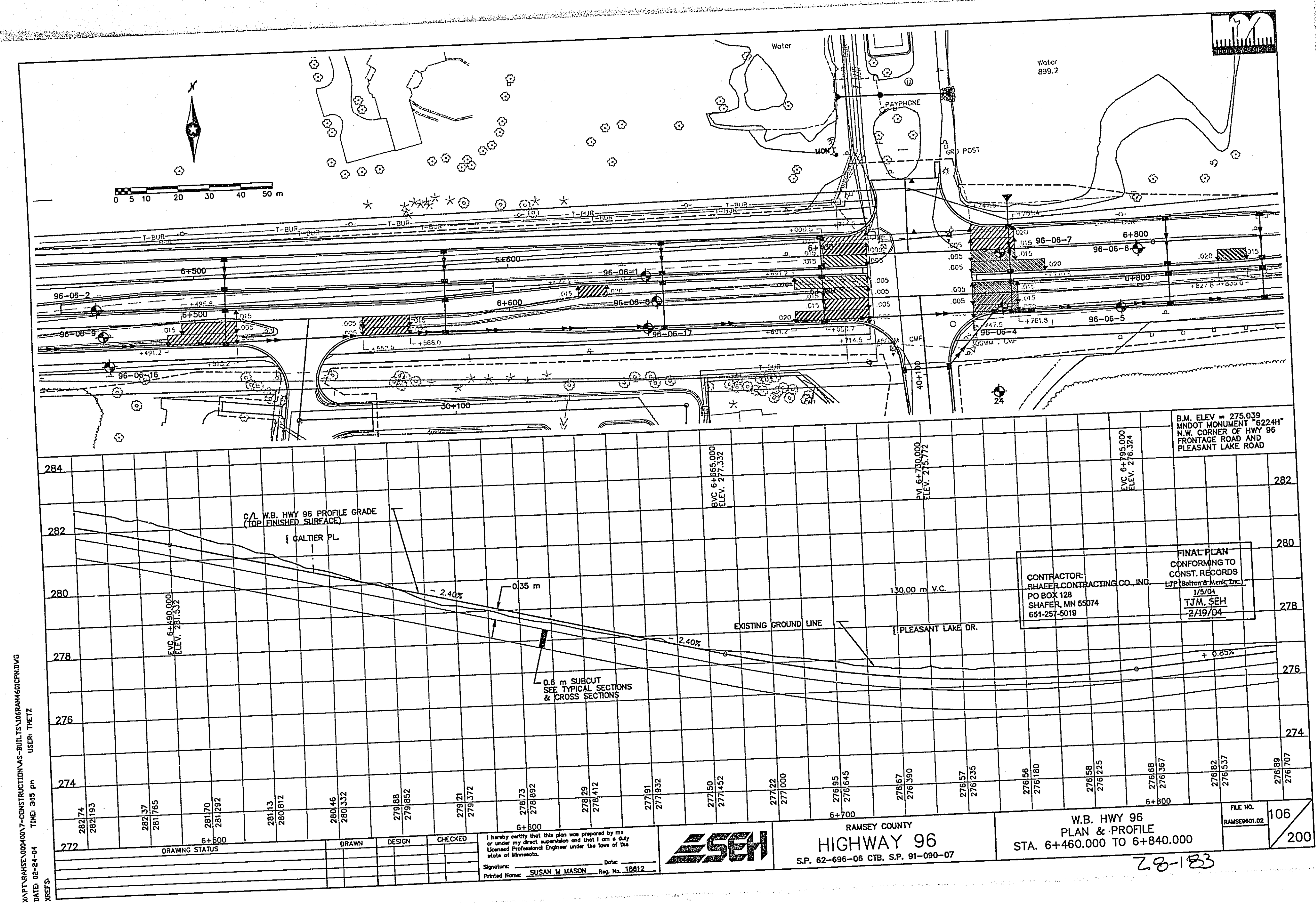
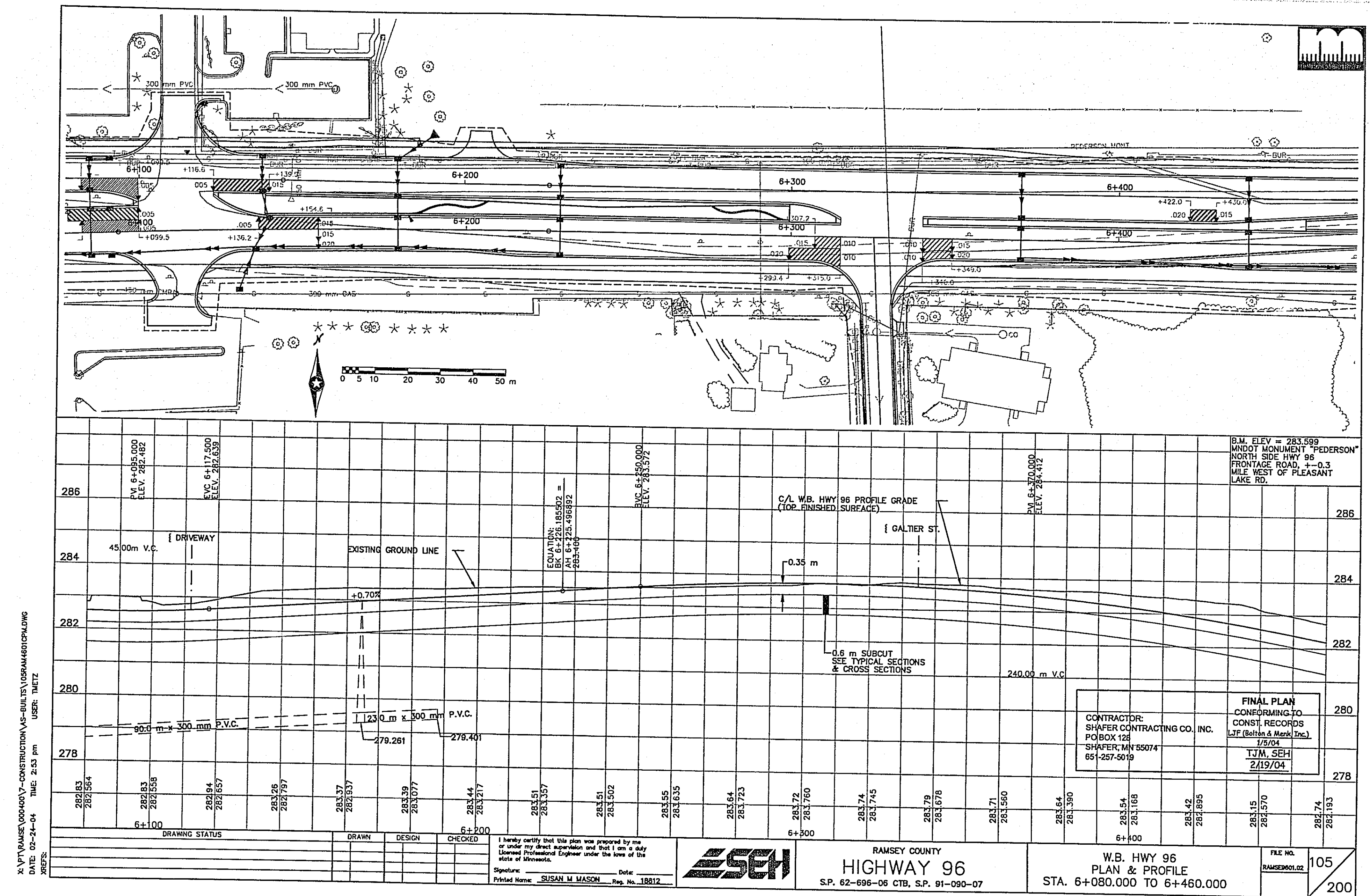
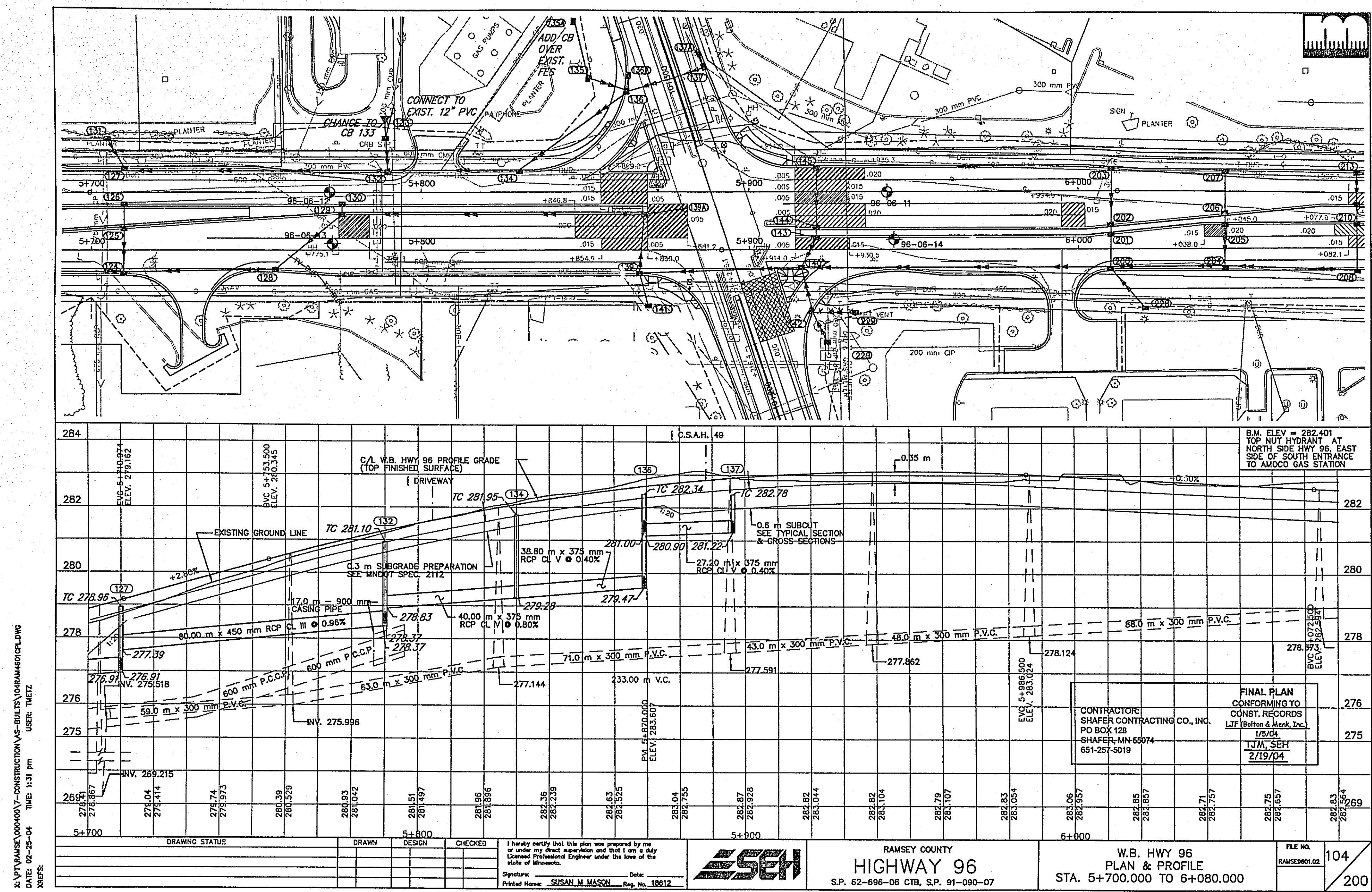
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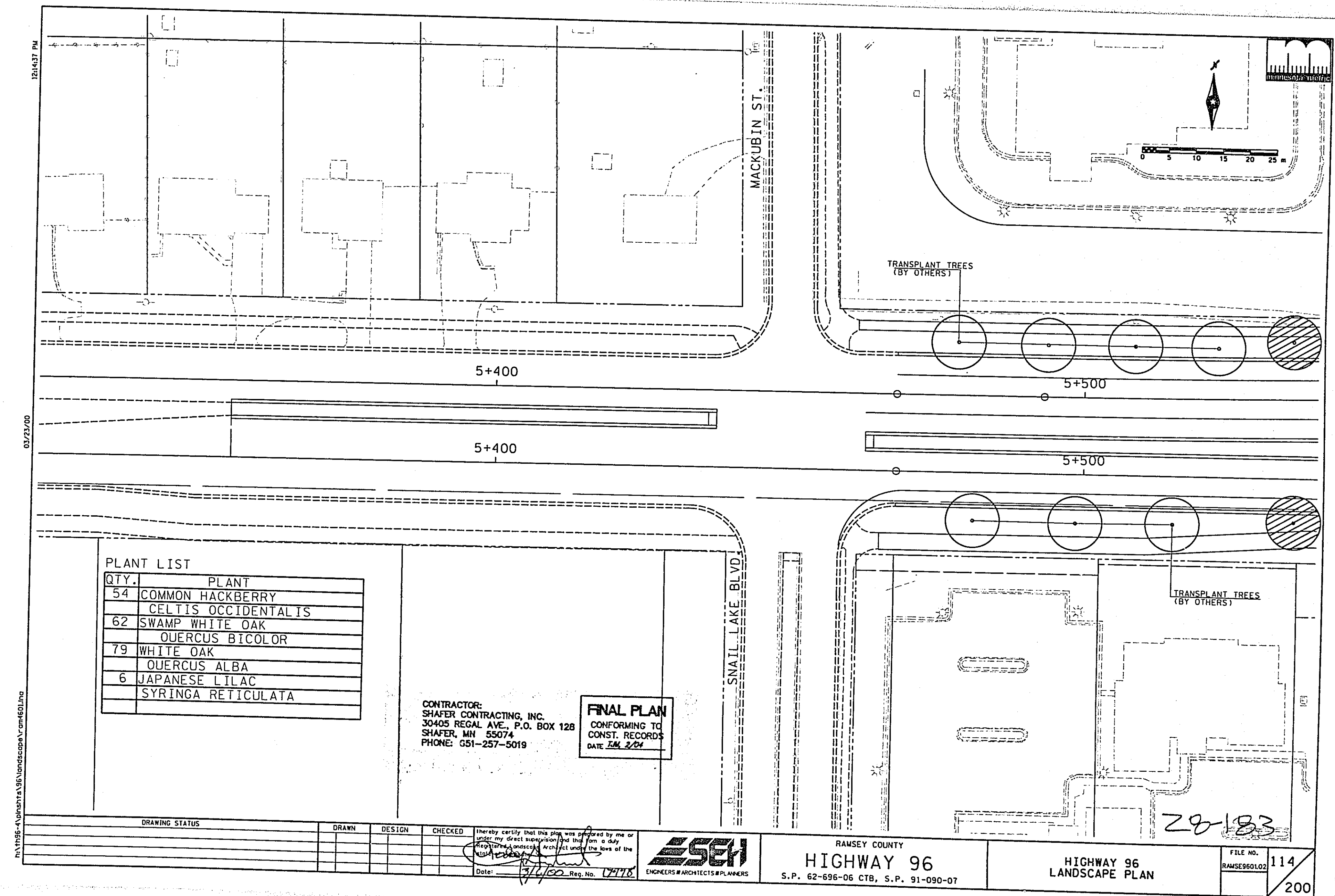
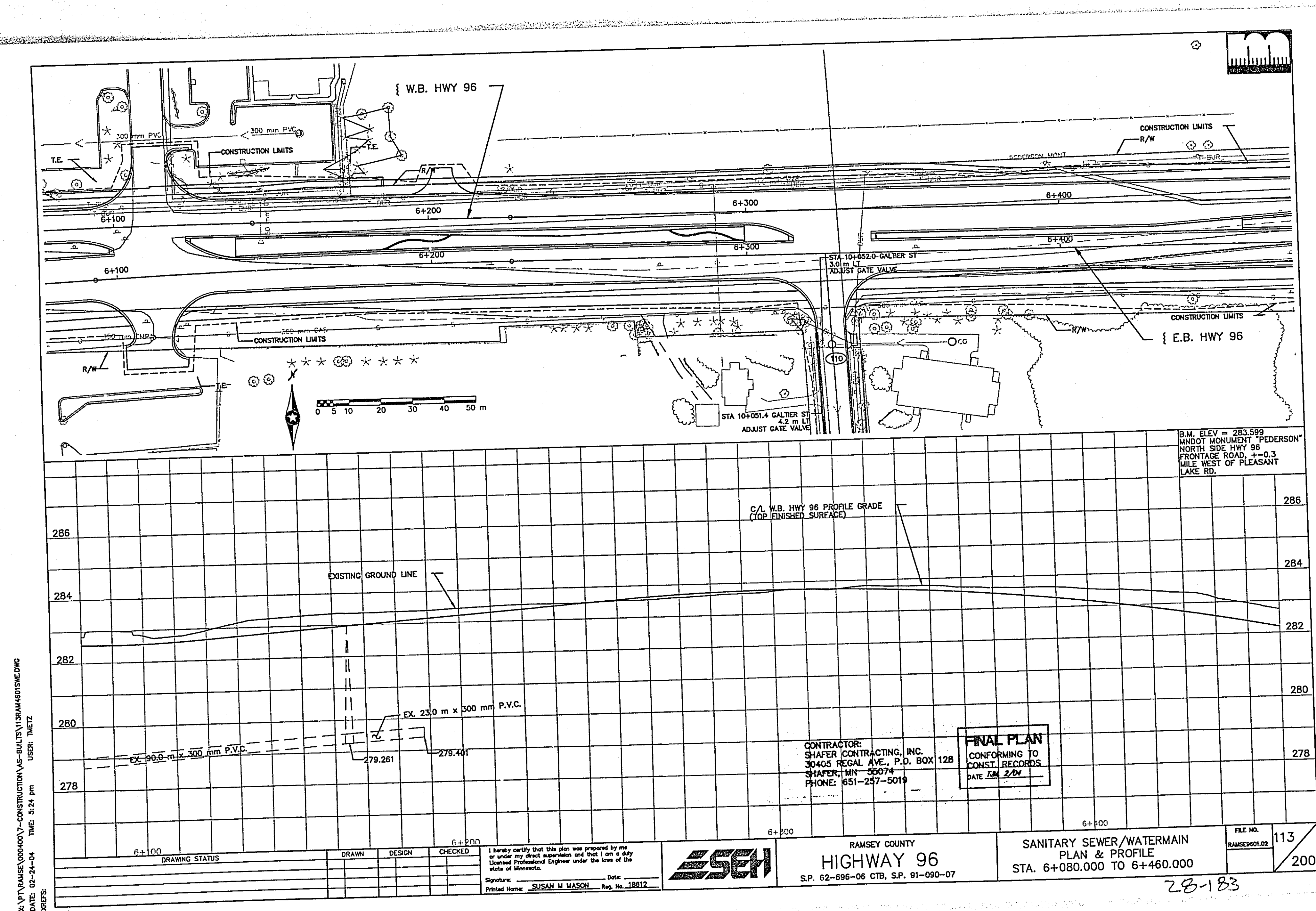
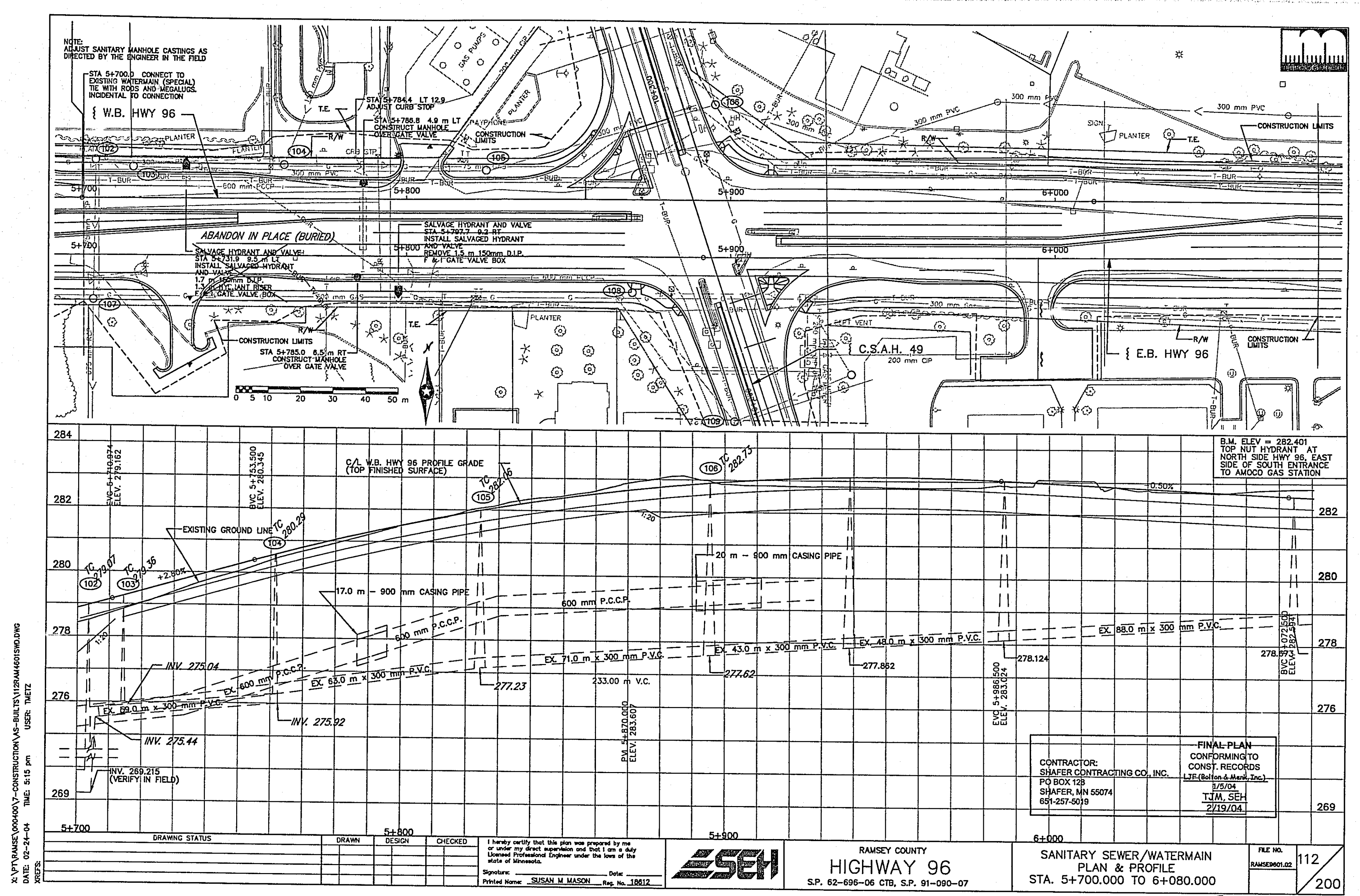
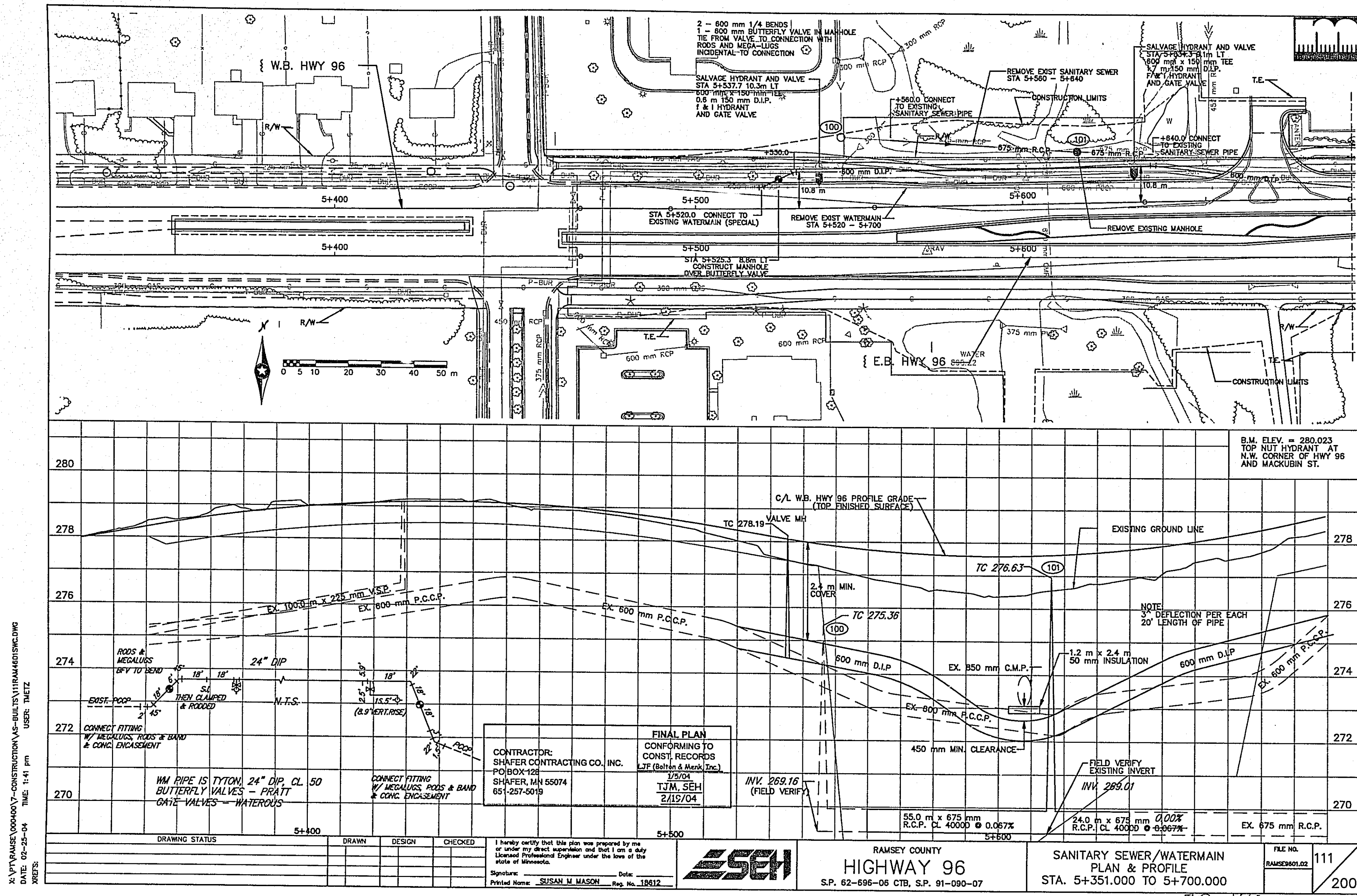


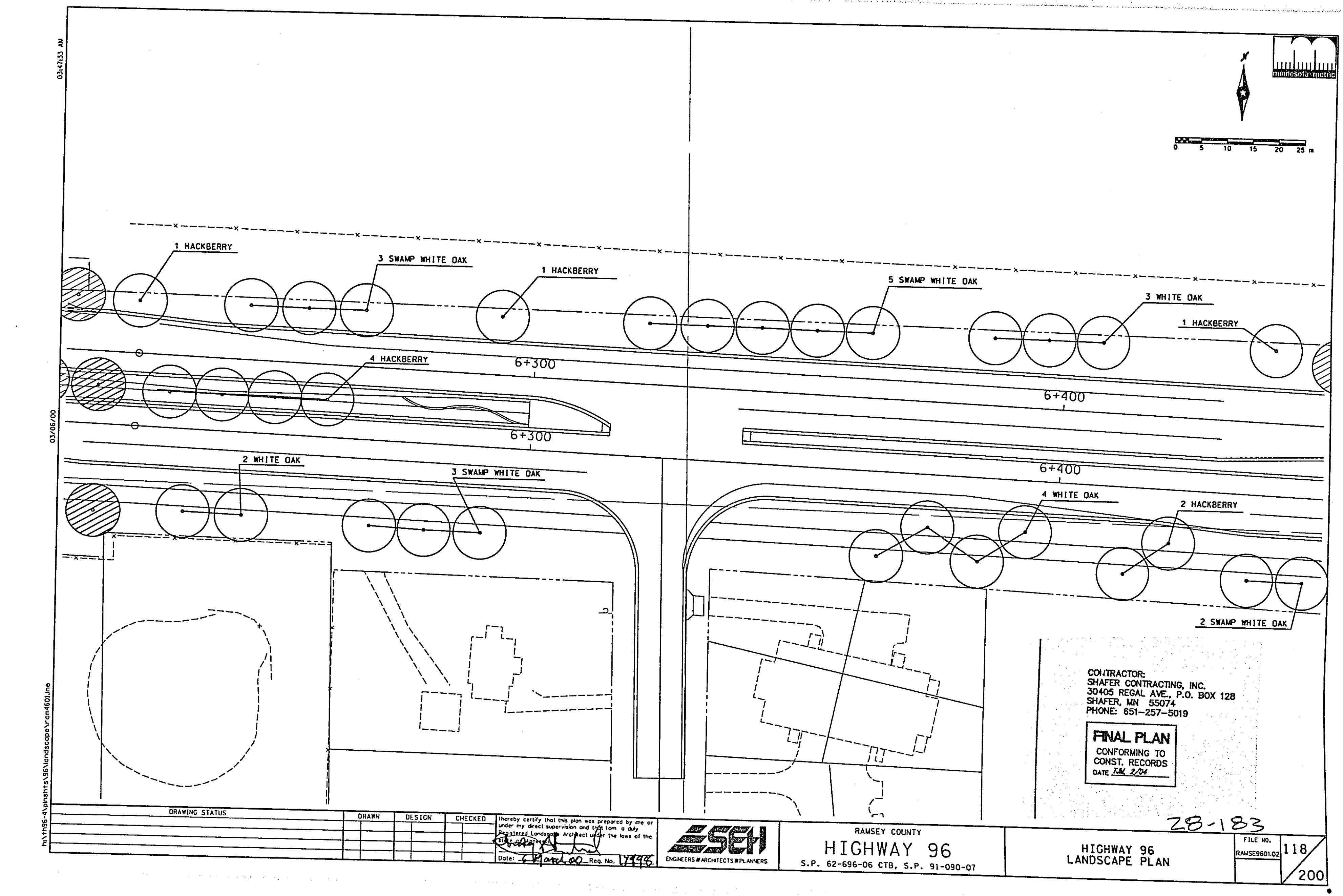
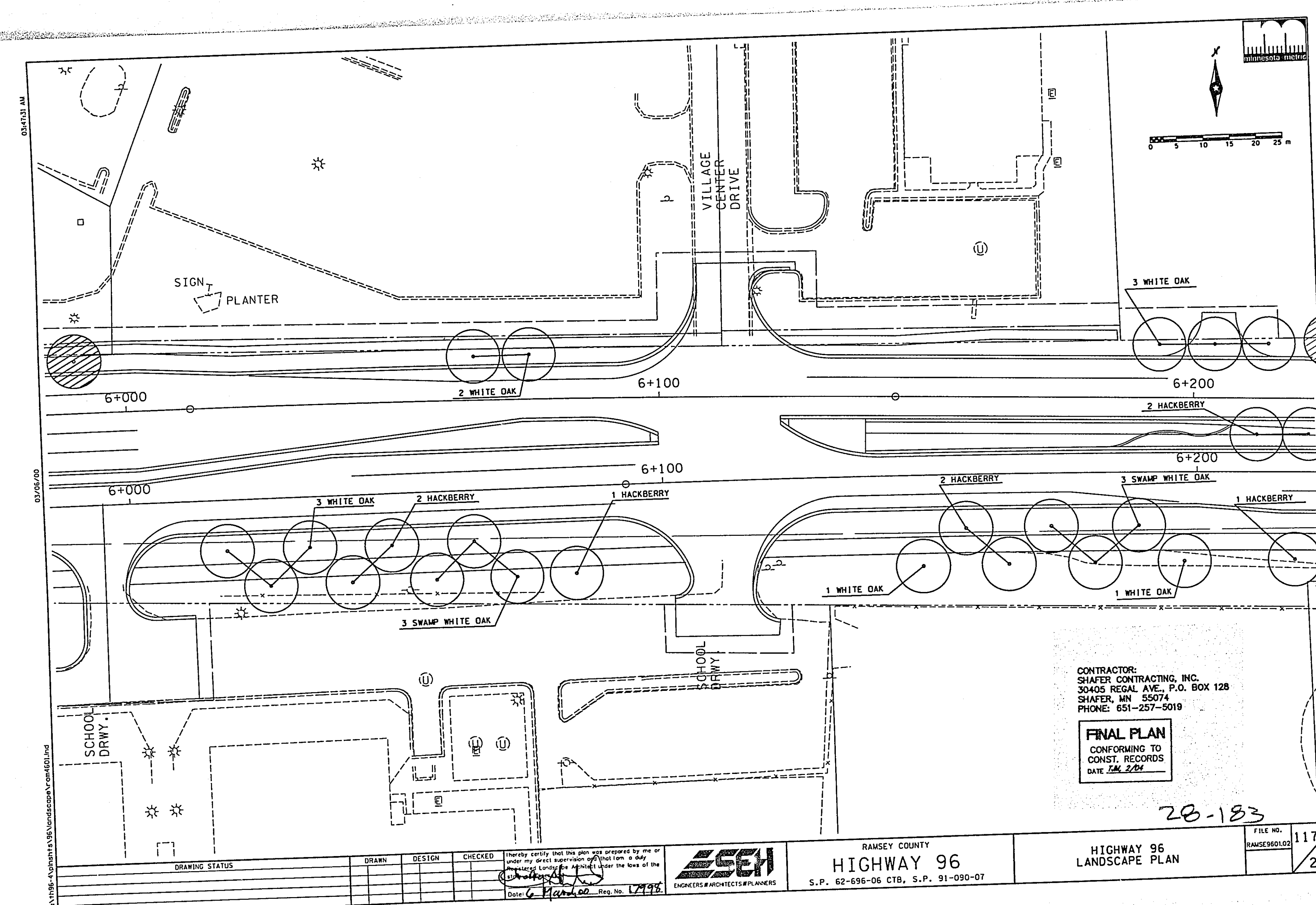
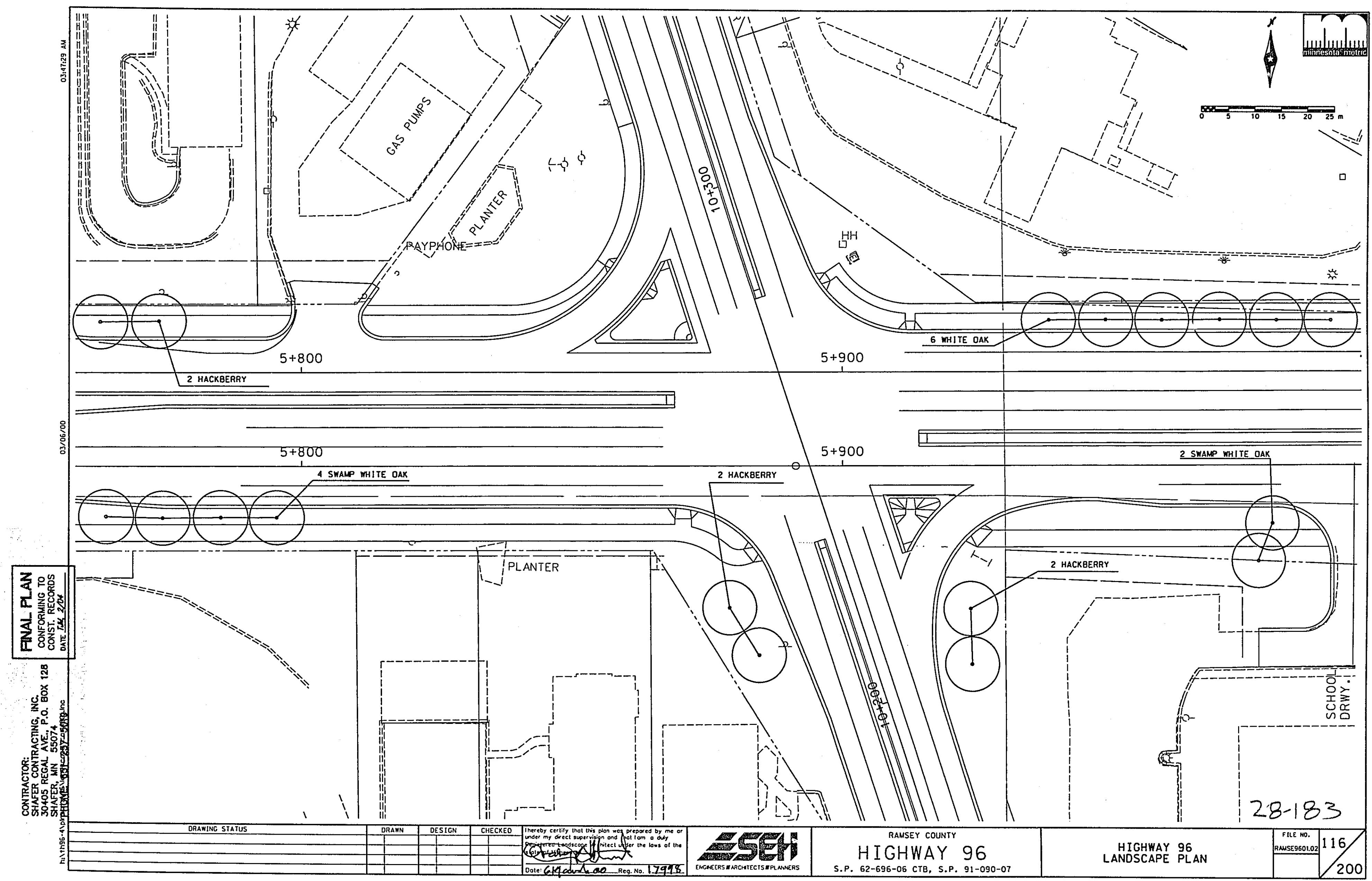
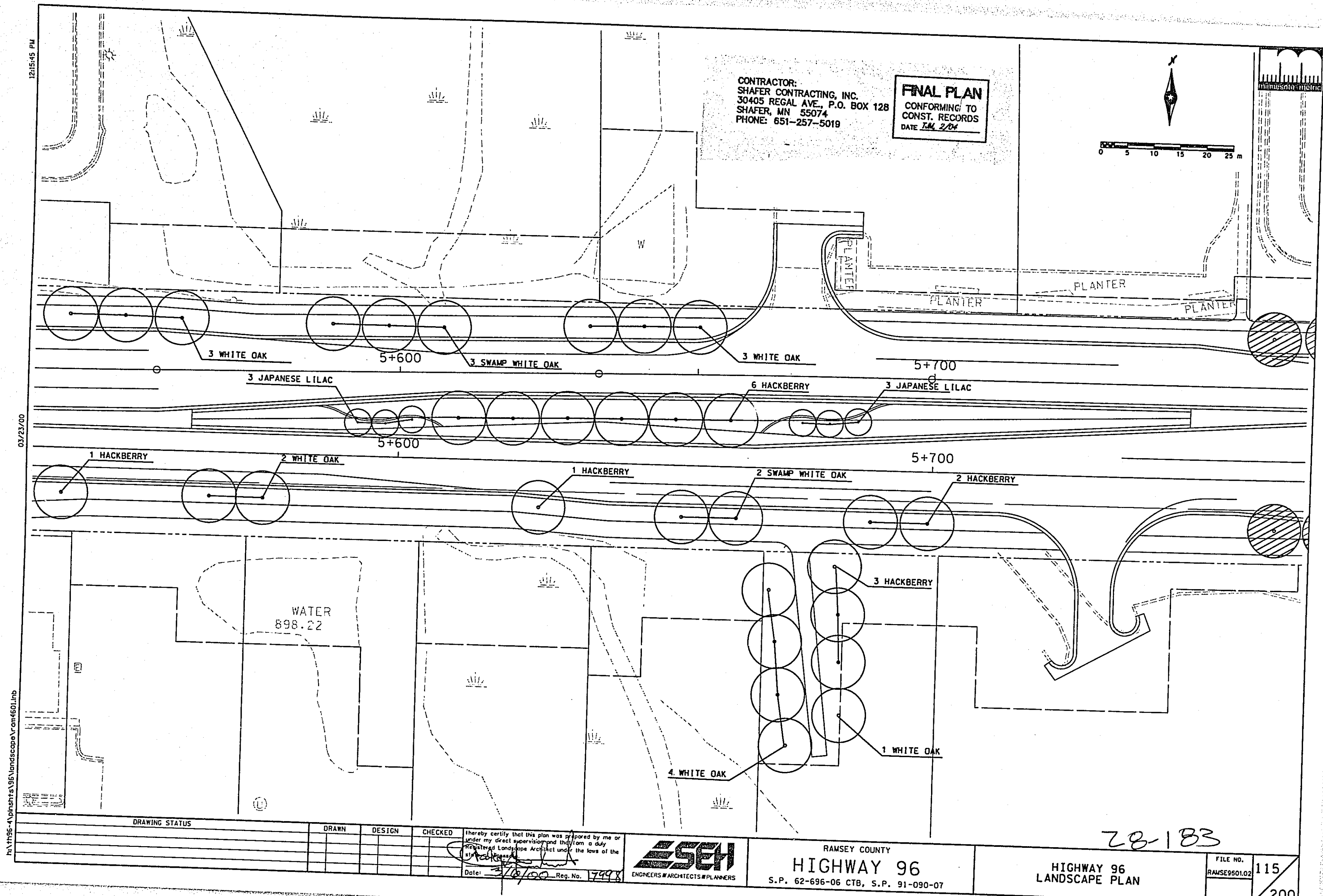


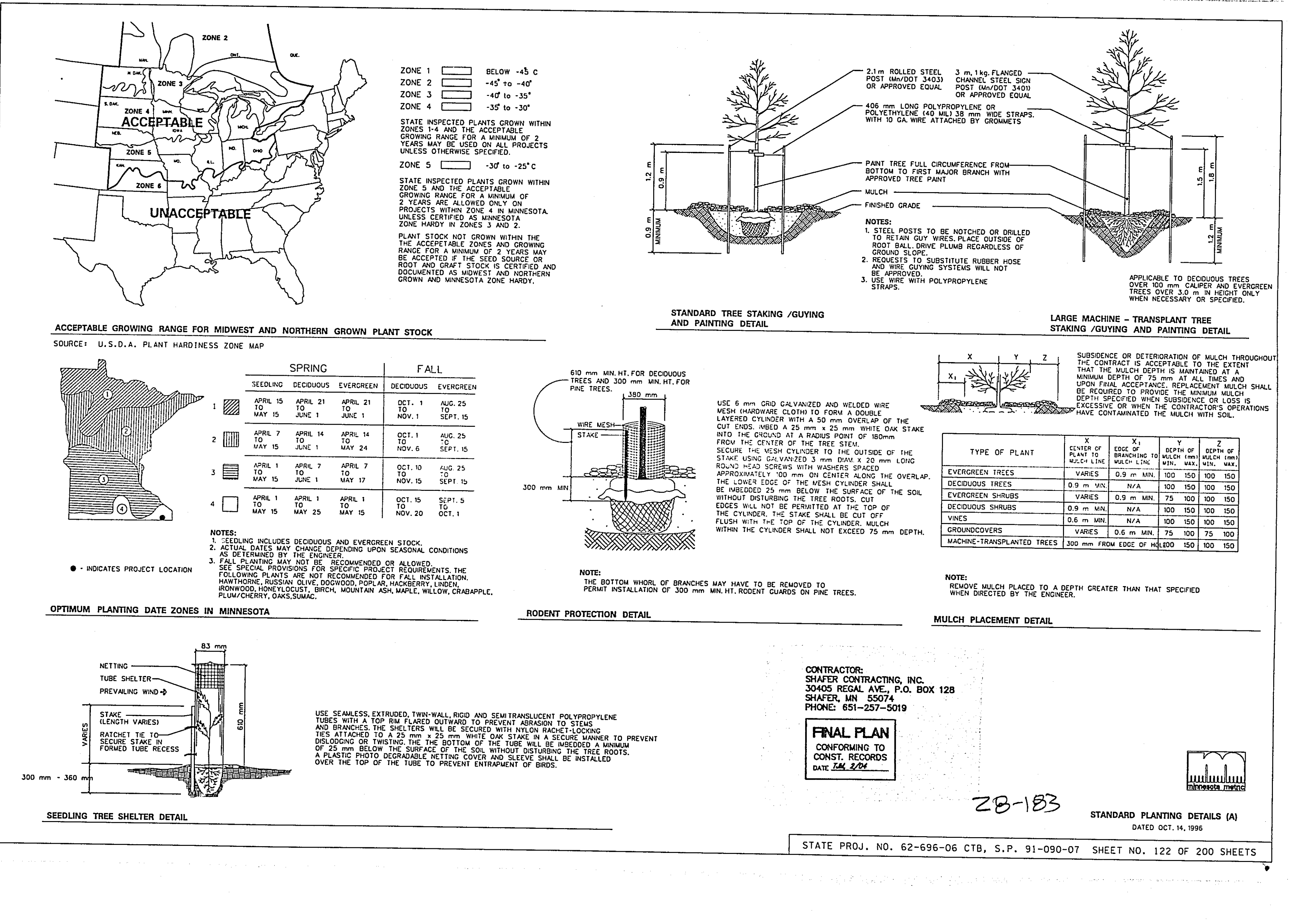
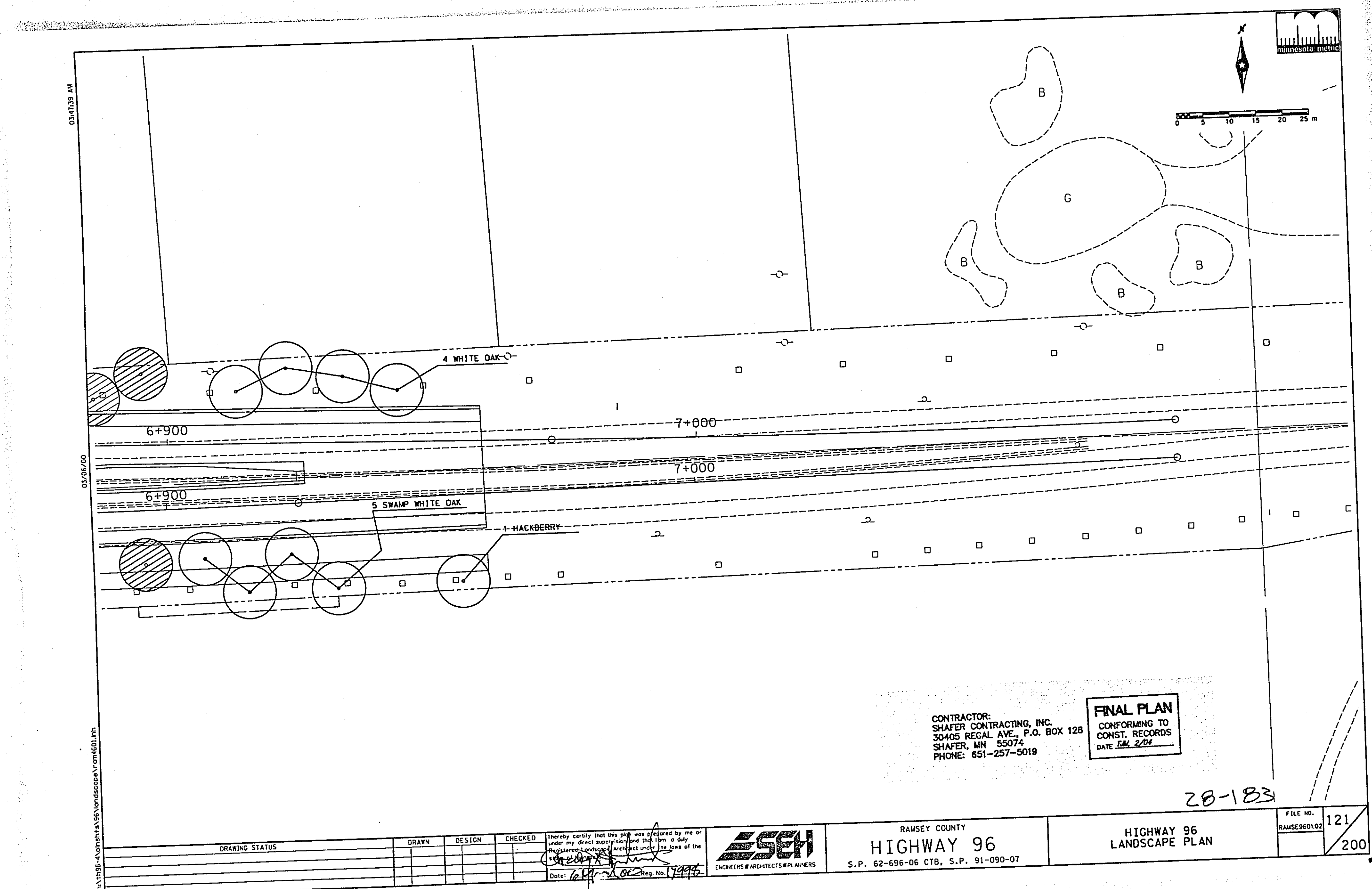
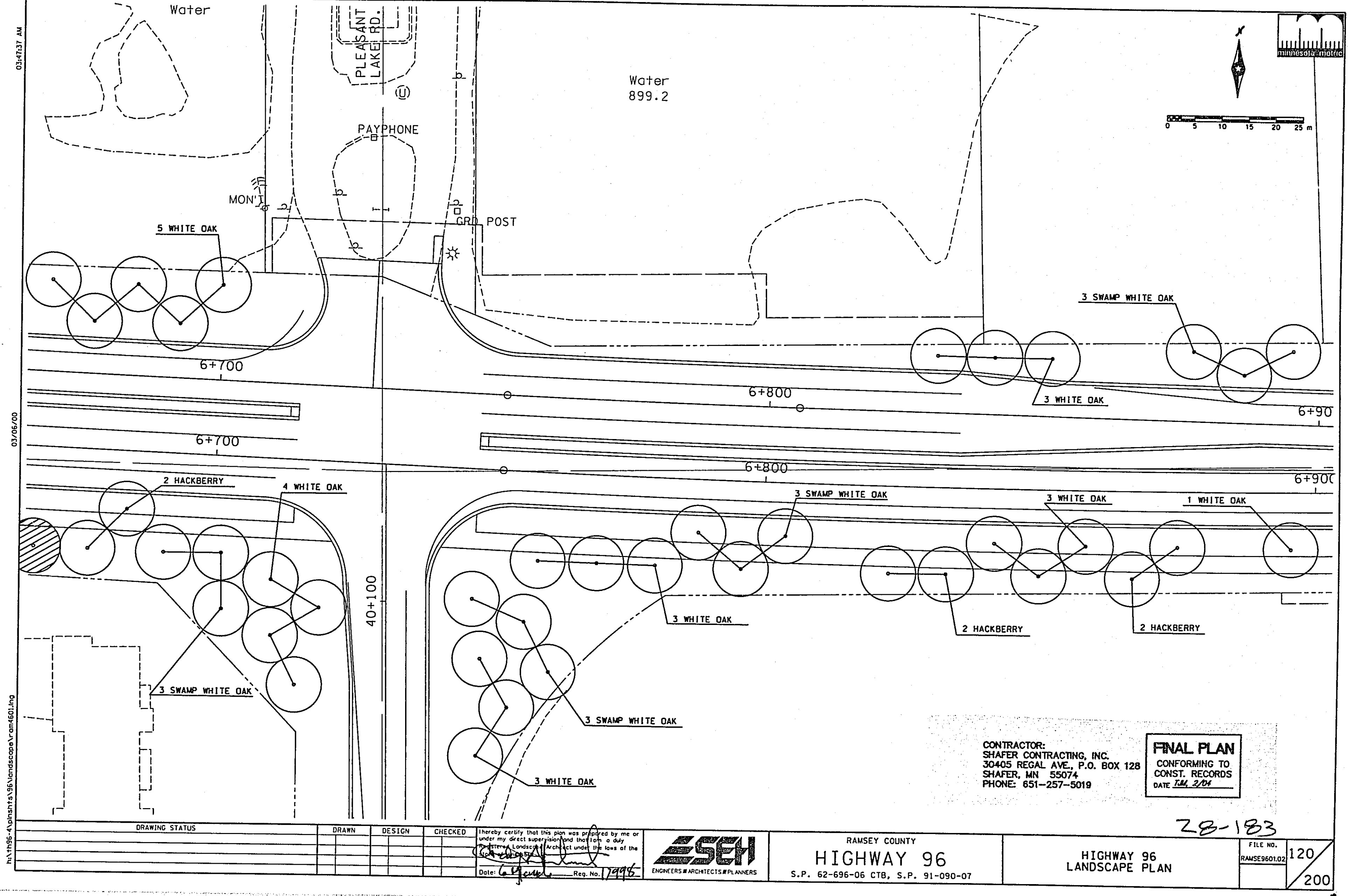
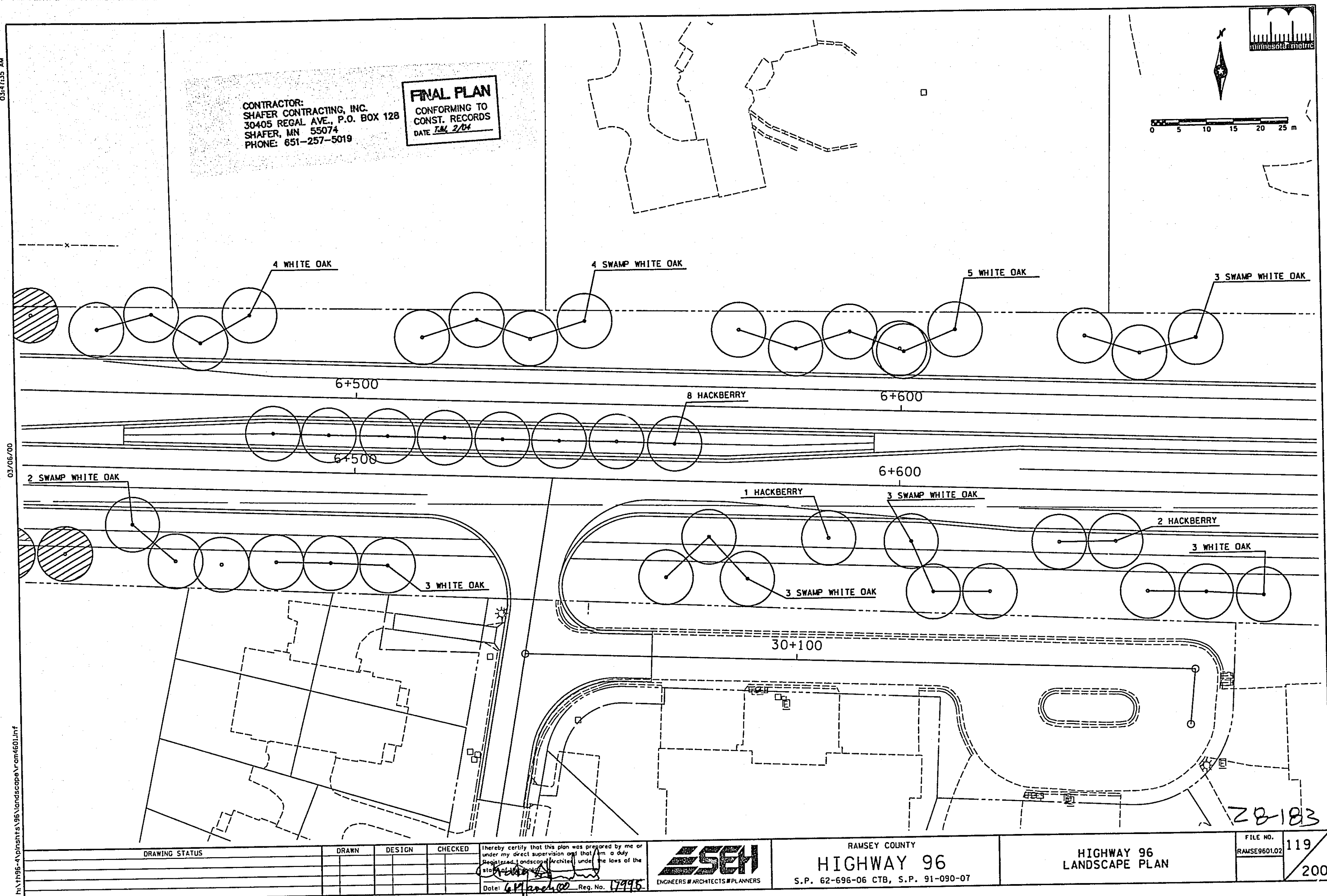
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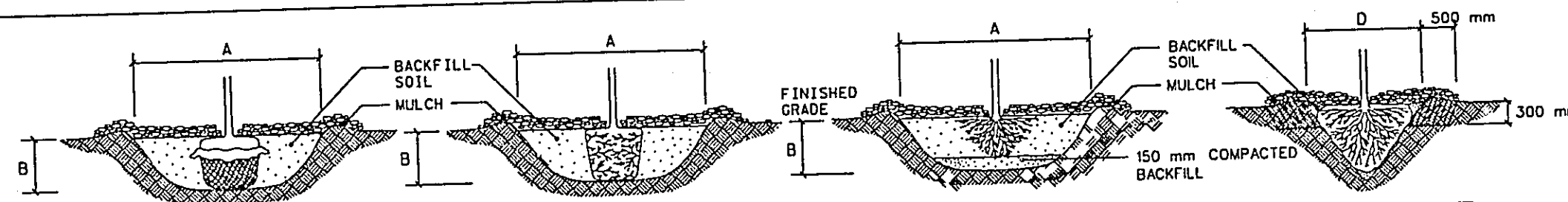






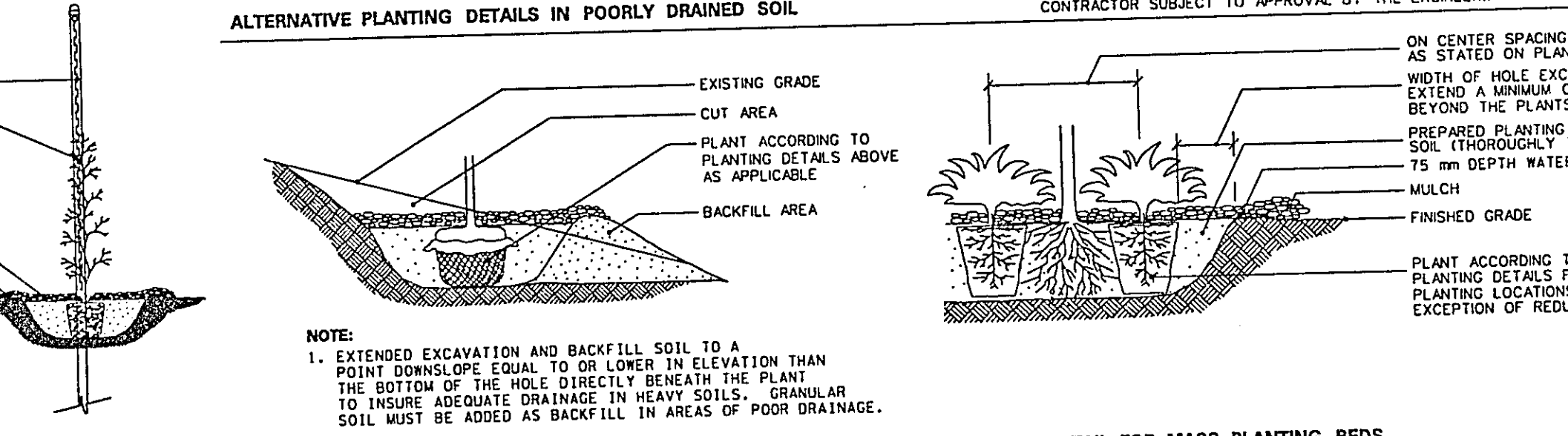
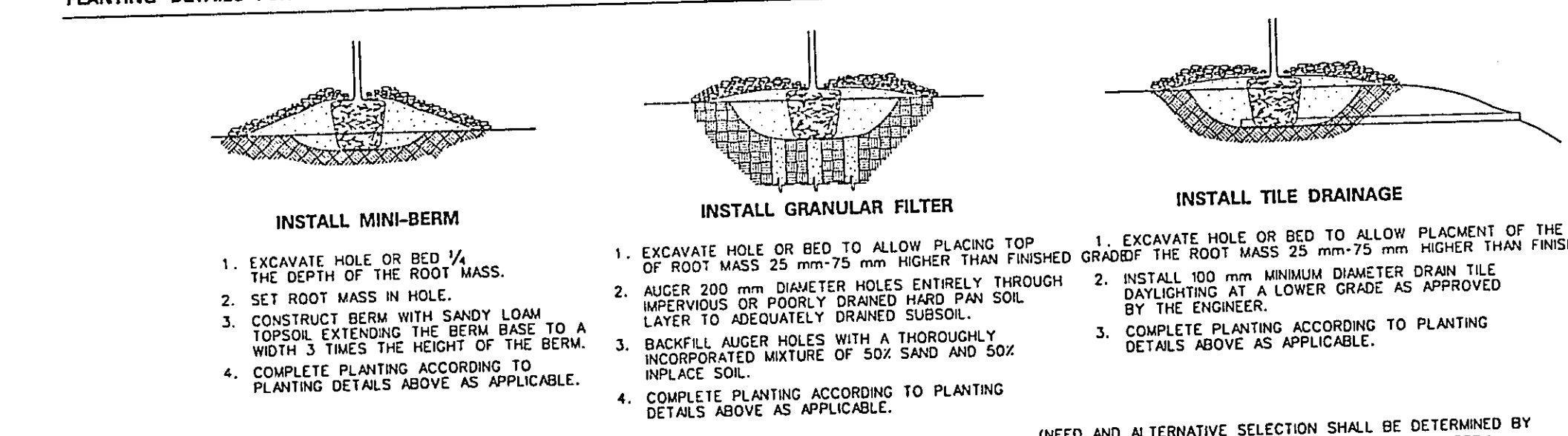


PLANTING HOLE DIMENSIONS (MINIMUM WIDTH DOES NOT APPLY IN MASS PLANTING BEDS)			
PLANT TYPE	PLANT SIZE (UP TO AND INCLUDING)	MINIMUM HOLE WIDTH (MILLIMETERS)	APPROXIMATE HOLE DEPTH (MILLIMETERS)
EVERGREEN TREES	0.9 m B.B.	1070	280
	1.2 m B.B.	1290	330
	1.5 m B.B.	1520	330
	1.8 m B.B.	1670	380
	2.1 m B.B.	1830	400
	2.4 m B.B.	2060	450
SHADE & FLOWERING TREES	31 mm B.R.	1370	350
	38 mm B.R.	1520	350
	45 mm B.R.	1670	380
	50 mm B.R.	1830	400
	50 mm B.R.	2130	480
	50 mm B.R.	1830	480
EVERGREEN SHRUBS (UPRIGHT)	0.6 m B.B.	760	230
	0.9 m B.B.	1220	300
	1.2 m B.B.	1600	350
	0.4 m spread B.B.	760	200
	0.6 m spread B.B.	910	230
	0.8 m spread B.B.	1070	280
SHRUBS (SPREADING)	0.8 m spread B.B.	1220	300
	0.4 m B.R.	760	200
	0.6 m B.R.	840	230
	0.9 m B.R.	1070	280
	1.2 m B.R.	1220	300
	1.5 m B.R.	1370	350
DECIDUOUS SHRUBS	1.8 m B.R.	1520	350
	0.4 m B.B.	660	180
	0.6 m B.B.	760	200
	0.9 m B.B.	910	230
	1.2 m B.B.	1070	280
	1.5 m B.B.	1220	300
CONTAINER GROWN PLANTS	1.8 m B.B.	1370	350
	Cellpaks	150	64
	57 mm cont.	180	75
	90 mm cont.	250	75
	100 mm cont.	280	100
	110 mm cont.	330	120
VINE PLANTING DETAIL	1 Liter cont.	380	140
	4 L cont.	460	150
	7 L cont.	580	190
	11 L cont.	740	220
	20 L cont.	760	280
	25 L cont.	940	280



- BALLED & BURLAPPED STOCK**
- SCARIFY SIDES AND BOTTOM OF HOLE.
 - PROCEED WITH CORRECTIVE PRUNING AS DIRECTED BY ENGINEER.
 - SET PLANT ON UNDISTURBED NATIVE SOIL, OR THOROUGHLY COMPACTED BACKFILL SOIL AT THE SAME DEPTH OF PROPER PLANT AS IT WAS GROWN IN THE NURSERY.
 - PLANT SHALL BE PLACED IN PLANTING HOLE WITH BURLAP AND WIRE BASKET, IF USED, INTACT. ONCE IN PLACE, THE PLANT SHALL BE BACKFILLED TO WITHIN 300mm OF THE TOP OF THE ROOTBALL AND WATERED. THE TOP LOOPS OF THE WIRE BASKETS SHALL BE REMOVED AND THE BURLAP SHALL BE FOLDED OR CUT BACK.
 - PLUMB AND BACKFILL WITH THE BACKFILL SOIL SPECIFIED.
 - APPLY WATER TO SETTLE PLANTS AND FILL VOIDS THEN CONSTRUCT 75 mm DEPTH WATERING BASIN.
 - WATER THOROUGHLY WITHIN 2 HOURS.
 - PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.
 - BIODEGRADABLE TWINE MAY BE LEFT ON AS SUPPORT BETWEEN THE ROOT BALL AND ROOT COLLAR UNTIL THE END OF THE PLANT ESTABLISHMENT PERIOD AT WHICH TIME IT MUST BE CUT AND TOTALLY REMOVED FROM THE ROOT COLLAR. THE TWINE MUST BE TIED OR RETIED TO MID-LEVEL LOOPS OR POINTS ON THE BASKET. USE OF NONBIODEGRADABLE TWINE SHALL NOT BE PERMITTED.
- CONTAINER STOCK**
- SCARIFY SIDES AND BOTTOM OF HOLE.
 - PROCEED WITH CORRECTIVE PRUNING AS DIRECTED BY ENGINEER.
 - REMOVE CONTAINER AND SCORE OR PRUNE OUTSIDE OF SOIL MASS TO REDIRECT CIRCULATING FIBROUS ROOTS AS NECESSARY.
 - SET PLANT ON UNDISTURBED NATIVE SOIL, OR THOROUGHLY COMPACTED BACKFILL SOIL AT THE SAME DEPTH (IF PROPER) AS IT WAS GROWN IN THE NURSERY.
 - APPLY WATER TO SETTLE PLANTS AND FILL VOIDS THEN CONSTRUCT 75 mm DEPTH WATERING BASIN.
 - WATER THOROUGHLY WITHIN 2 HOURS.
 - PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.
- BARE ROOT STOCK**
- SOAK ROOTS IN WATER FOR AT LEAST ONE HOUR PRIOR TO PLANTING.
 - SCARIFY SIDES AND BOTTOM OF HOLE.
 - PROCEED WITH CORRECTIVE PRUNING AS DIRECTED BY ENGINEER.
 - TRANSFER PLANT DIRECTLY FROM WATER TO HOLE. SET PLANT AT SAME DEPTH OF PROPER AS IT WAS GROWN IN THE NURSERY. PLUMB AND IMMEDIATELY BACKFILL WITH THE BACKFILL SOIL SPECIFIED.
 - APPLY WATER TO SETTLE PLANTS AND FILL VOIDS THEN CONSTRUCT 75 mm DEPTH WATERING BASIN.
 - WATER THOROUGHLY WITHIN 2 HOURS.
 - PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.
- MACHINE-TRANSPLANT STOCK (TREE SPADE)**
- SCARIFY SIDES AND BOTTOM OF HOLE.
 - SET PLANT ON UNDISTURBED NATIVE SOIL AT SAME DEPTH AS IT WAS PREVIOUSLY GROWN.
 - PLUMB AND BACKFILL WITH THE BACKFILL SOIL SPECIFIED, FILLING ALL VOIDS AND ACCOMPLISHING SETTLEMENT BY WATERING.
 - AFTER PLANTING, THE SOIL IMMEDIATELY ADJACENT TO THE SPADE MOVED SOIL FOR A MINIMUM DISTANCE OF 460 mm SHALL BE TURNED OVER AND/OR ROTOTILLED TO A MINIMUM DEPTH OF 300 mm.
 - CONSTRUCT 75 mm DEPTH WATERING BASIN.
 - WATER THOROUGHLY WITHIN 2 HOURS.
 - PLACE MULCH WITHIN 48 HOURS OF THE SECOND WATERING UNLESS SOIL MOISTURE IS EXCESSIVE.

- GENERAL NOTES**
- ALL ISOLATED TREE PLANTING LOCATIONS AND PLANTING BEDS SHALL BE CULIVATED BY TILLING TO A MINIMUM DEPTH OF 250 mm. SOIL AMENDMENTS SHALL BE APPLIED DURING CULIVATION.
 - USE CULTIVATED AND AMENDED SOIL EXCAVATED FROM PLANTING HOLES. REMOVE ALL DEBRIS INCLUDING ROCKS LARGER THAN 75 mm DIA.
 - FERTILIZER: NONE
 - COMPOST: NONE
 - MULCH MATERIAL: Mn/DOT 3882 TYPE 6, UNLESS OTHERWISE SPECIFIED.
 - TREE STAKING: TREE STAKING (ALL SIZES) WILL NOT BE REQUIRED UNLESS SPECIFIED OR NECESSARY TO MAINTAIN TREES IN A PLUMB CONDITION WHERE VANDALISM, SOIL, OR WIND CONDITIONS ARE A PROBLEM OR AS REQUESTED BY THE ENGINEER.
 - TREE PAINTING: PAINT OAKS, LINDENS, LOCUSTS, MAPLES, CRABAPPLES, AND MOUNTAIN ASHES. ONLY UNDILUTED EXTERIOR WHITE LATEX BASE PAINT IS ACCEPTABLE.
- MINIMUM TREE SPADE SIZE REQUIREMENTS**
- CONTRACTOR:** SHAFER CONTRACTING, INC. 30405 REGAL AVE., P.O. BOX 128 SHAFER, MN 55074 PHONE: 651-257-5019
- FINAL PLAN** CONFORMING TO CONST. RECORDS DATE 7/24/2004



PLANTING DETAIL FOR STEEP SLOPES

PLANTING DETAIL FOR MASS PLANTING BEDS

STATE PROJ. NO. 62-696-06 CTB, S.P. 91-090-07 SHEET NO. 123 OF 200 SHEETS

GENERAL NOTES

- ALL ISOLATED TREE PLANTING LOCATIONS AND PLANTING BEDS SHALL BE CULIVATED BY TILLING TO A MINIMUM DEPTH OF 250 mm. SOIL AMENDMENTS SHALL BE APPLIED DURING CULIVATION.
- USE CULTIVATED AND AMENDED SOIL EXCAVATED FROM PLANTING HOLES. REMOVE ALL DEBRIS INCLUDING ROCKS LARGER THAN 75 mm DIA.
- FERTILIZER: NONE
- COMPOST: NONE
- MULCH MATERIAL: Mn/DOT 3882 TYPE 6, UNLESS OTHERWISE SPECIFIED.
- TREE STAKING: TREE STAKING (ALL SIZES) WILL NOT BE REQUIRED UNLESS SPECIFIED OR NECESSARY TO MAINTAIN TREES IN A PLUMB CONDITION WHERE VANDALISM, SOIL, OR WIND CONDITIONS ARE A PROBLEM OR AS REQUESTED BY THE ENGINEER.
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MINIMUM TREE SPADE SIZE REQUIREMENTS

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FINAL PLAN CONFORMING TO CONST. RECORDS DATE 7/24/2004

PLANTING PLAN: RESPECT STATED DIMENSIONS BEFORE SCALING FROM PLAN.

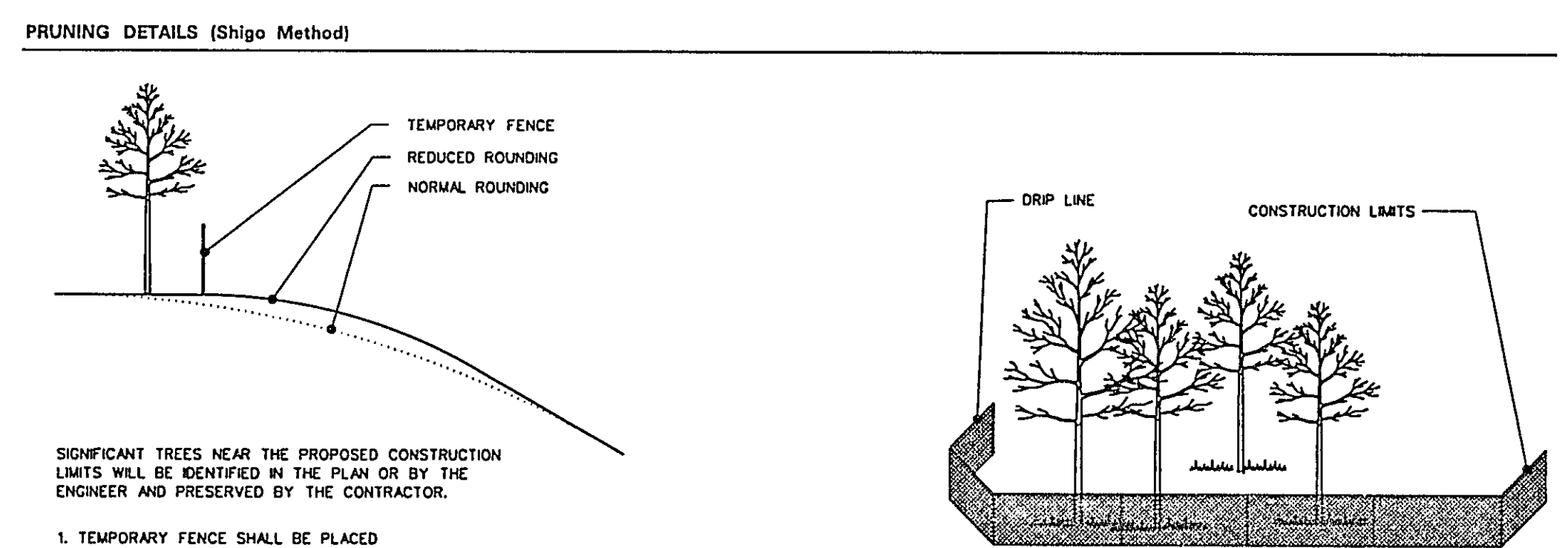
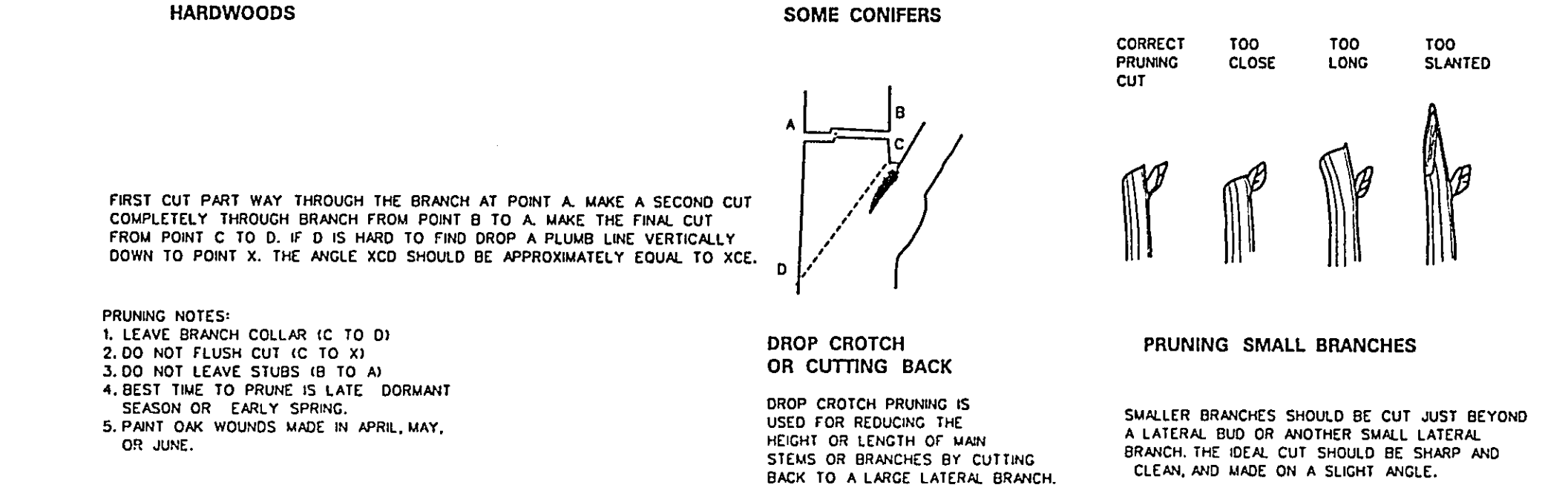
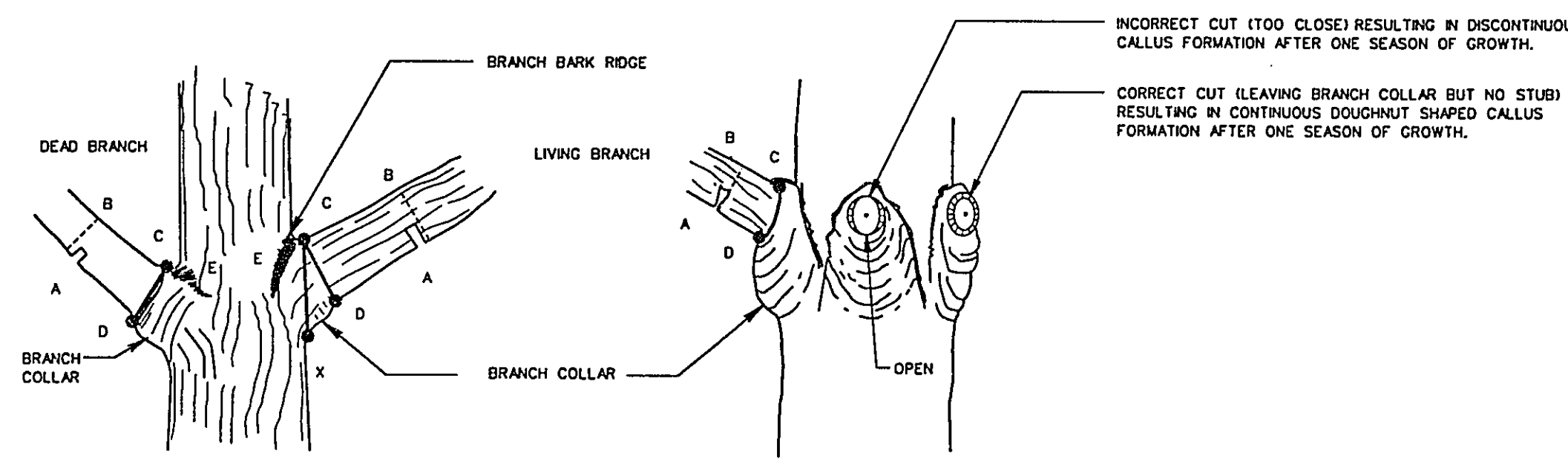
WATERING GUIDELINES:

PLANT TYPE	AVERAGE AMOUNT OF WATER PER APPLICATION (LITERS)
MACHINE TRANSPLANTED TREES (75 mm CAL PER-1)	190-380
BALLED & BURLAPPED TREES	75-
BARE ROOT TREES	55-
BALLED & BURLAPPED SHRUBS	40-
BARE ROOT OR CONTAINER SHRUBS	25-
WOODY SEEDLINGS	15-
HERBACEOUS GROUNDCOVERS AND VINES	10-

1) THE WATERING GUIDELINES ASSUME A SOIL CONDITION WITH ADEQUATE BUT NOT EXCESSIVE OR POOR DRAINAGE. WATERING INTERVALS AND AMOUNT OF APPLICATION MUST BE VARIED CONSIDERING PREVALENT SOIL MOISTURE AND WEATHER CONDITIONS THROUGHOUT THE GROWING SEASON. ADEQUATE BUT NOT EXCESSIVE SOIL MOISTURE IN THE ROOT ZONE OF NEW PLANTINGS MUST BE MAINTAINED AT ALL TIMES THROUGHOUT THE GROWING SEASON FOR THE FIRST TWO YEARS FOLLOWING PLANTING. WATERING MAY BE REQUIRED WEEKLY OR INFREQUENTLY. THIS DETERMINATION SHALL BE MADE BY THE CONTRACTOR.

2) THE CONTRACTOR IS ADVISED THAT THE WATERING GUIDELINES ARE NOT REQUIREMENTS OF THE CONTRACT ALTHOUGH FAILURE TO CORRECT WATER DEFICITS BY SUPPLEMENTAL WATERING OR FAILURE TO COMPENSATE FOR EXCESSIVE SOIL MOISTURE AND DRAINAGE PROBLEMS MAY RESULT IN UNACCEPTABLE PLANTS LEADING TO REDUCED OR NO PAYMENT.

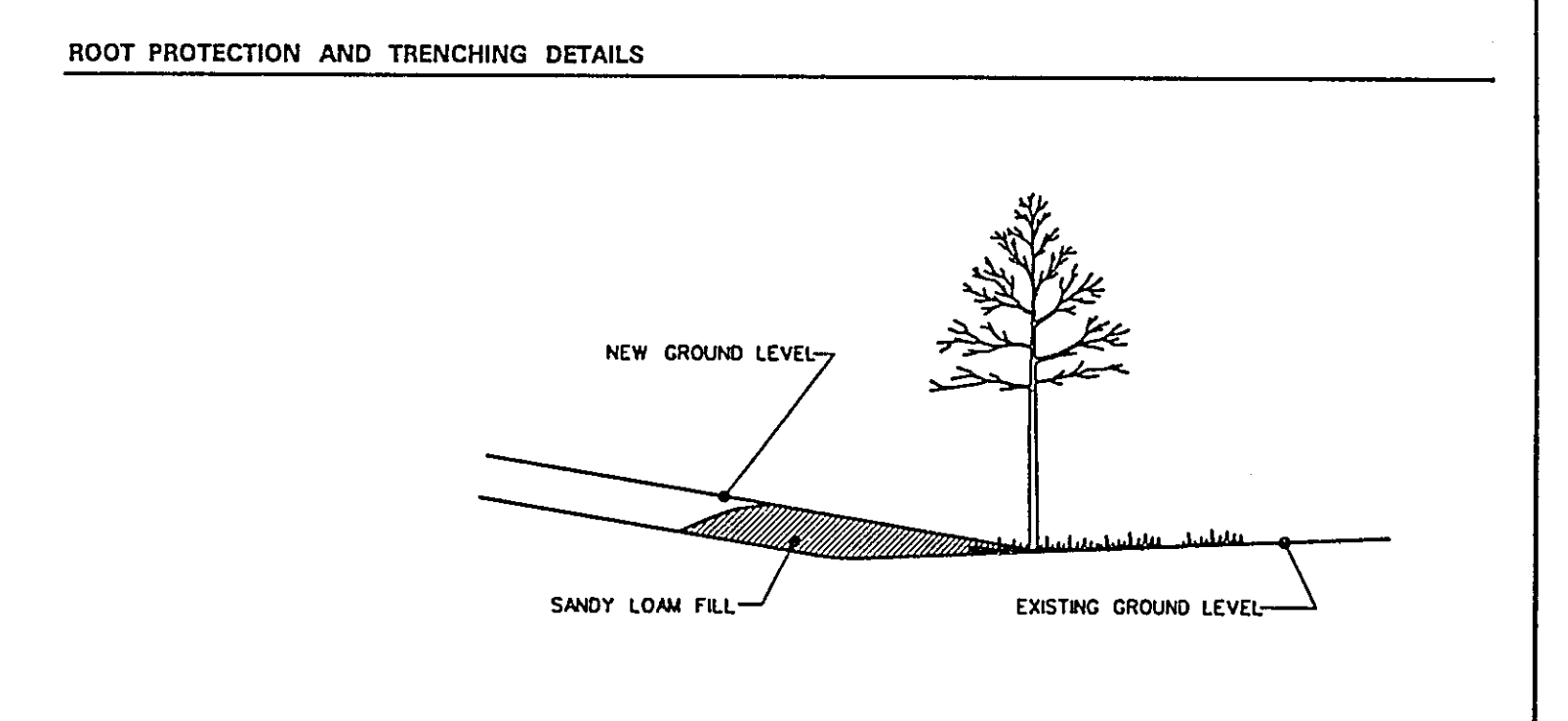
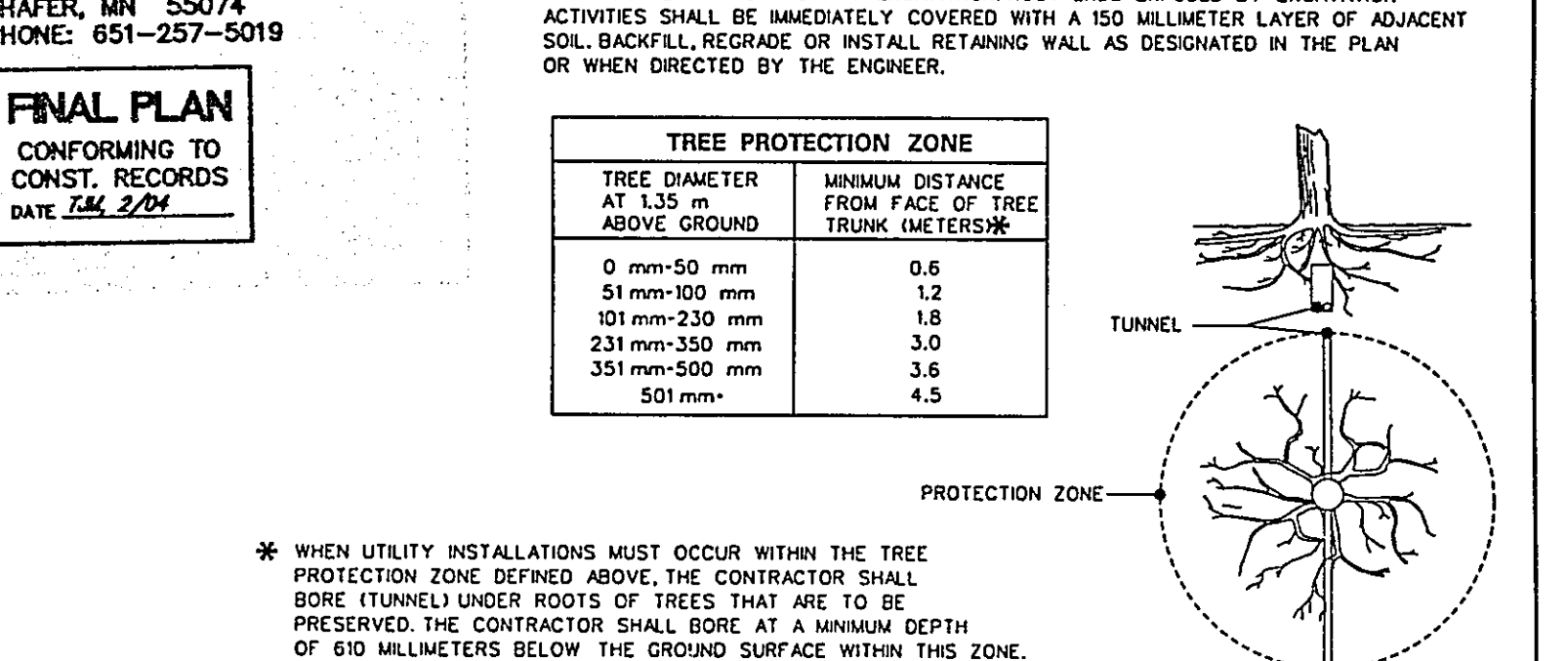
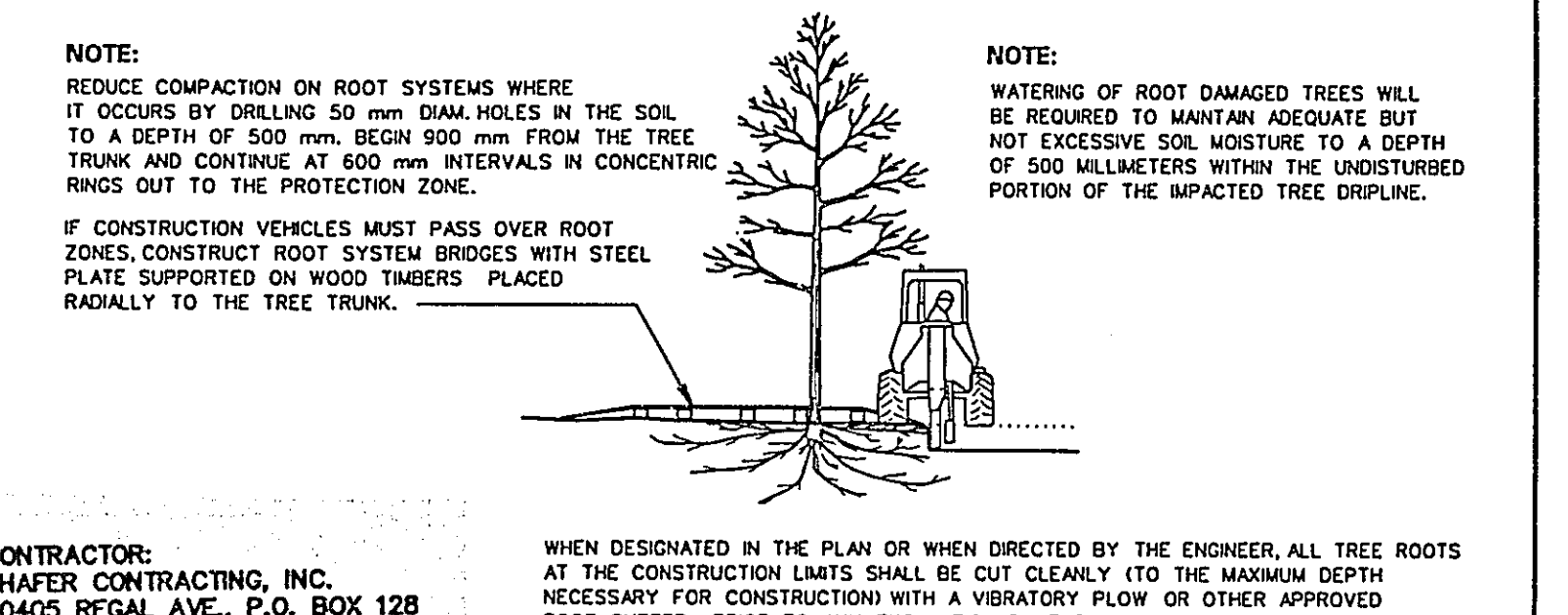
28-183 STANDARD PLANTING DETAILS (B) DATED OCT. 14, 1996



SLOPE ROUNDING DETAIL

TEMPORARY PROTECTION FENCE PLACEMENT DETAIL

STATE PROJ. NO. 62-696-06 CTB, S.P. 91-090-07 SHEET NO. 124 OF 200 SHEETS

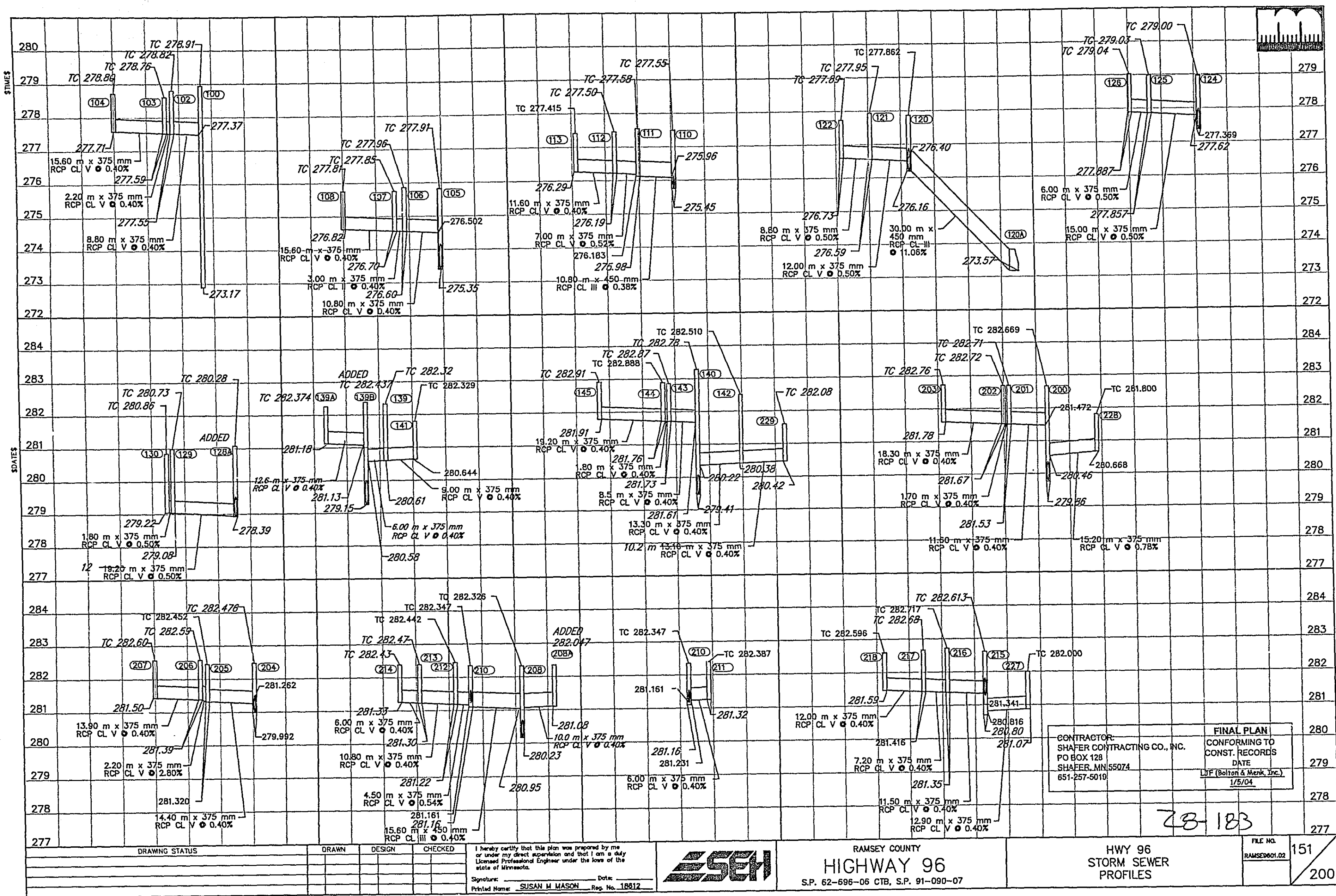


ROOT PROTECTION AND TRENCHING DETAILS

STATE PROJ. NO. 62-696-06 CTB, S.P. 91-090-07 SHEET NO. 124 OF 200 SHEETS

Pages 125 thru 150

Were missing at time of
filming.



108" x 30"; 3" Radius, 1" Border
Line 1 92.4: 8"-6" E Mod.
Line 2 53.4: 14-18 ARROW 180"; 8"-6" E Mod.

144" x 36"; 3" Radius, 1" Border
Line 1 66.4: 5-13 ARROW 180; 8"-6" E MOD
Line 2 132.2: 8"-6" E MOD; 5-13 ARROW 0°

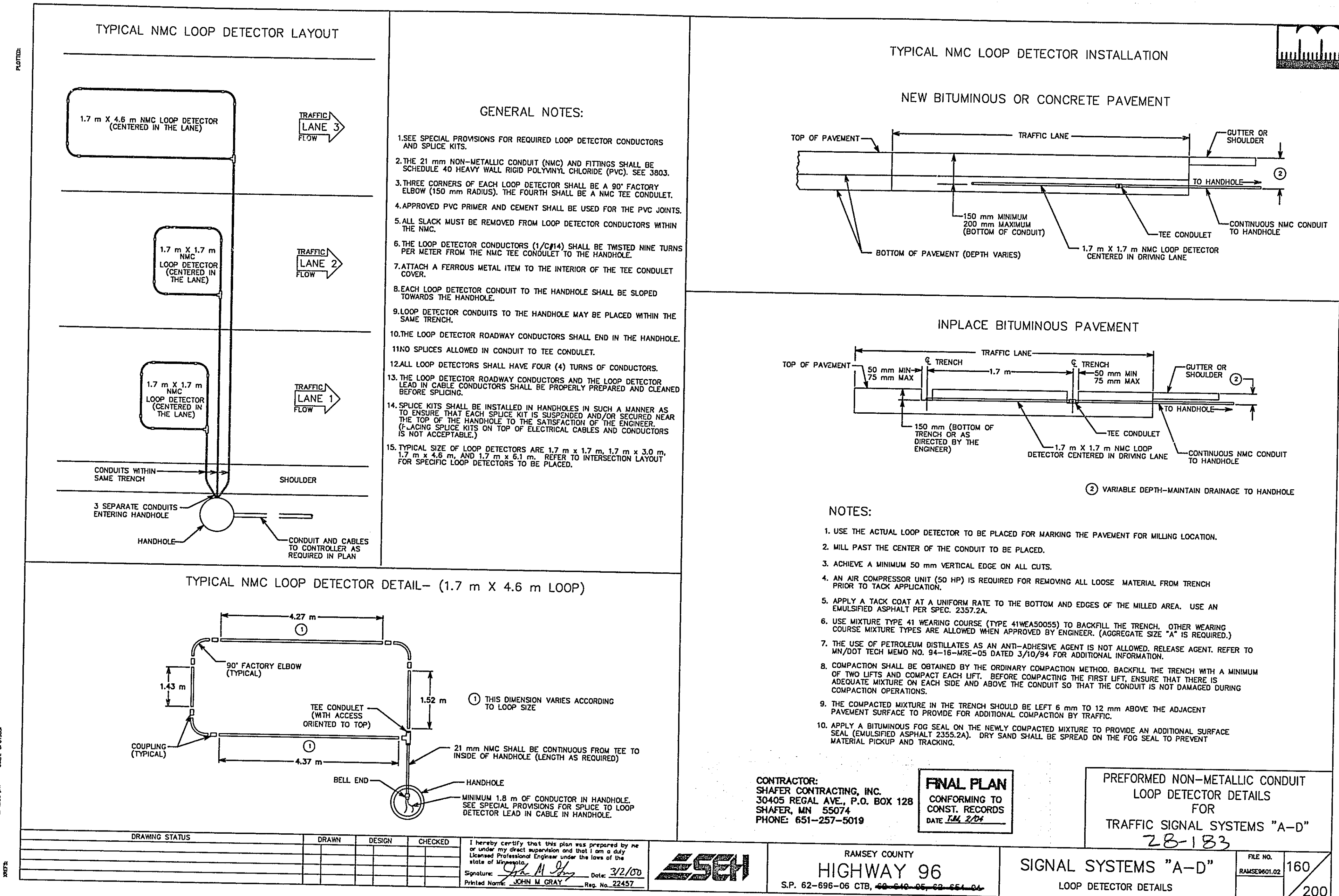
108" x 30"; 3" Radius, 1" Border
Line 1 92.4: 8"-6" E MOD.
Line 2 53.4: 8"-6" E MOD; 14-18 ARROW 0'.

Line 1 132.2: 5-13 ARROW 180; 8"-6" E MO
Line 2 66.4: 8"-6" E MOD; 5-13 ARROW 0°.

CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFFER, MN 55074
PHONE: 651-257-5019

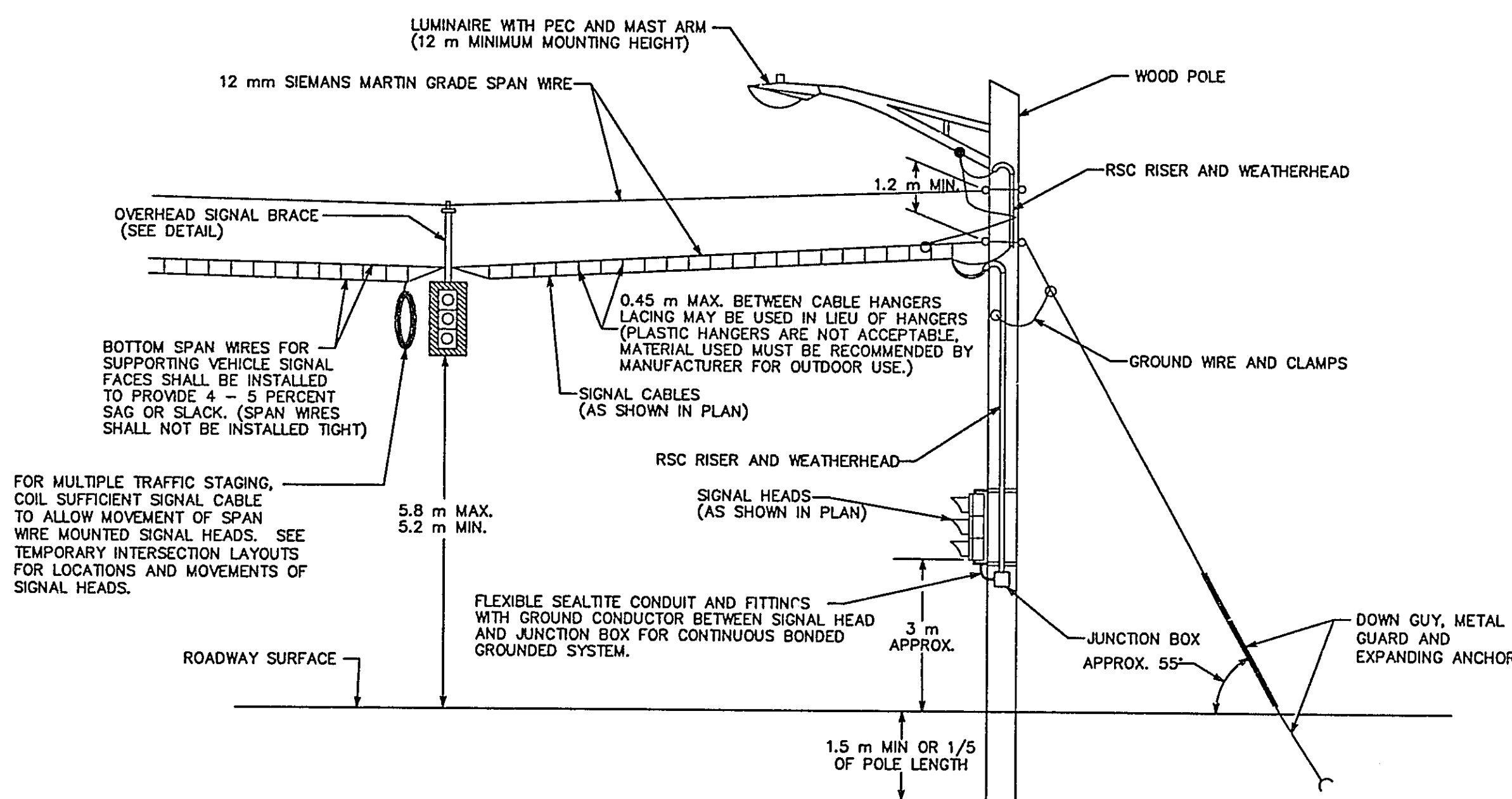
FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE JUL 2/04

DRAWING STATUS	DRAWN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Vermont. Signature: <u>John M. Gray</u> Date: <u>3/2/00</u> Printed Name: <u>JOHN M. GRAY</u> Exp. No. <u>22457</u>	 RAMSEY COUNTY HIGHWAY 96 S.P. 62-888-06 ~~670-60-640-06, 63-564-04~~	SIGNAL SYSTEMS "A-D" SIGNING DETAILS	FILE NO. RAMSEY001-01	159
				200				

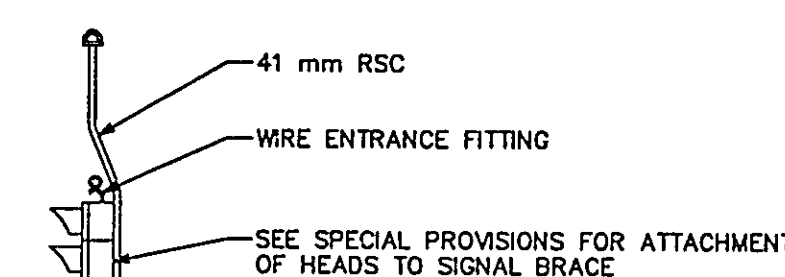


TYPICAL WOOD POLE AND SPAN WIRE MOUNTED
TRAFFIC SIGNALS

OVERHEAD SIGNAL BRACE DETAIL



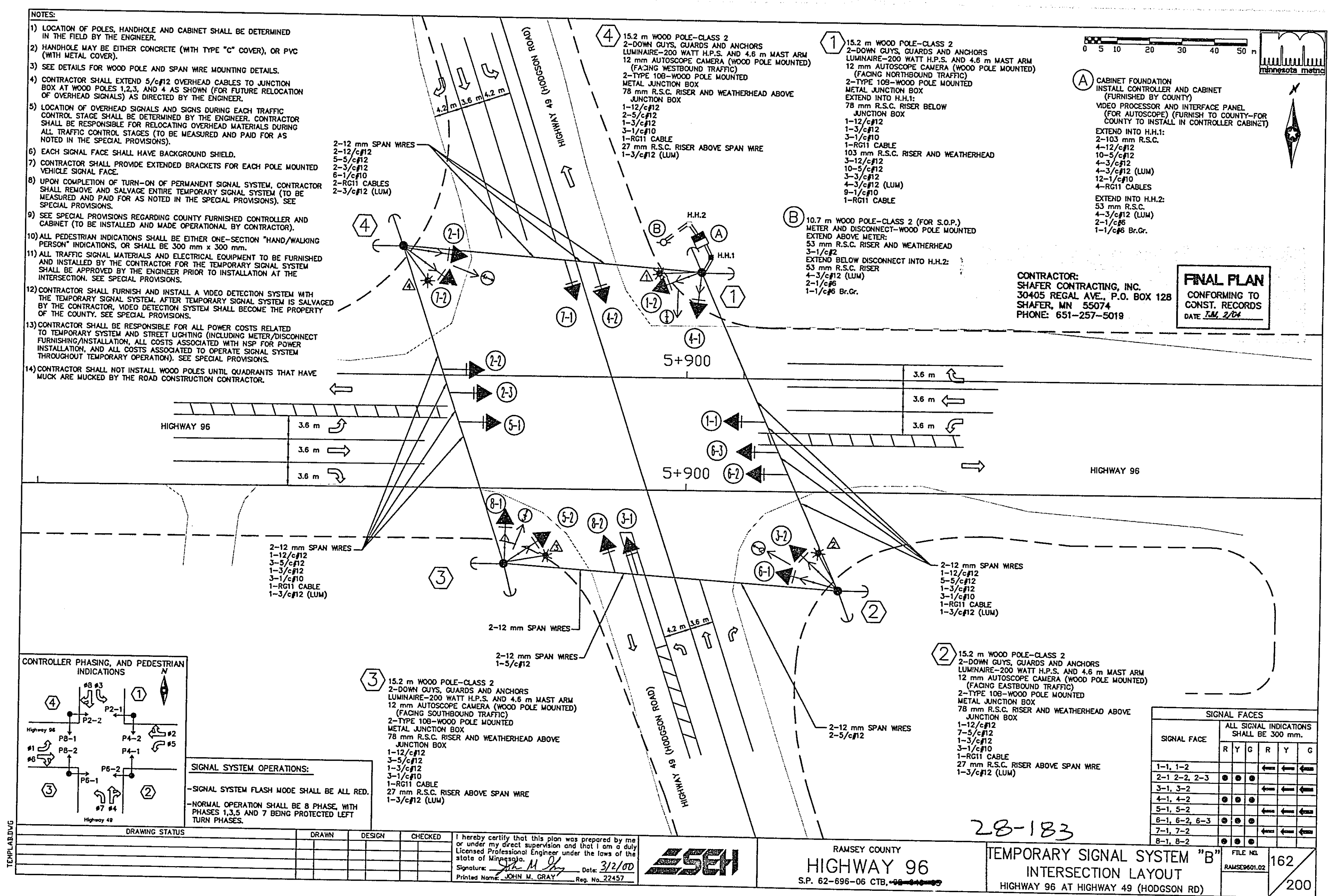
NOTE: ALL SPAN WIRES AND DOWN GUYS SHALL BE
12 mm (7/16 INCH) SIEMANS MARTIN GALVANIZED STRAND WIRE



CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFFER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE 7/24/2004

SHEET	DRAWING STATUS			I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Michigan. Date: <u>3/2/00</u> Printed name: <u>JOHN M. GRAY</u> Exp. No. <u>22457</u>		RAMSEY COUNTY HIGHWAY 96 S.P. 62-695-06 CTD. <u>20-640-06, 20-640-08</u>	TEMPORARY SYSTEMS "B-D" DETAILS	FILE NO.	161
	DRAWN	DESIGN	CHECKED					RAMSEY001.02	200

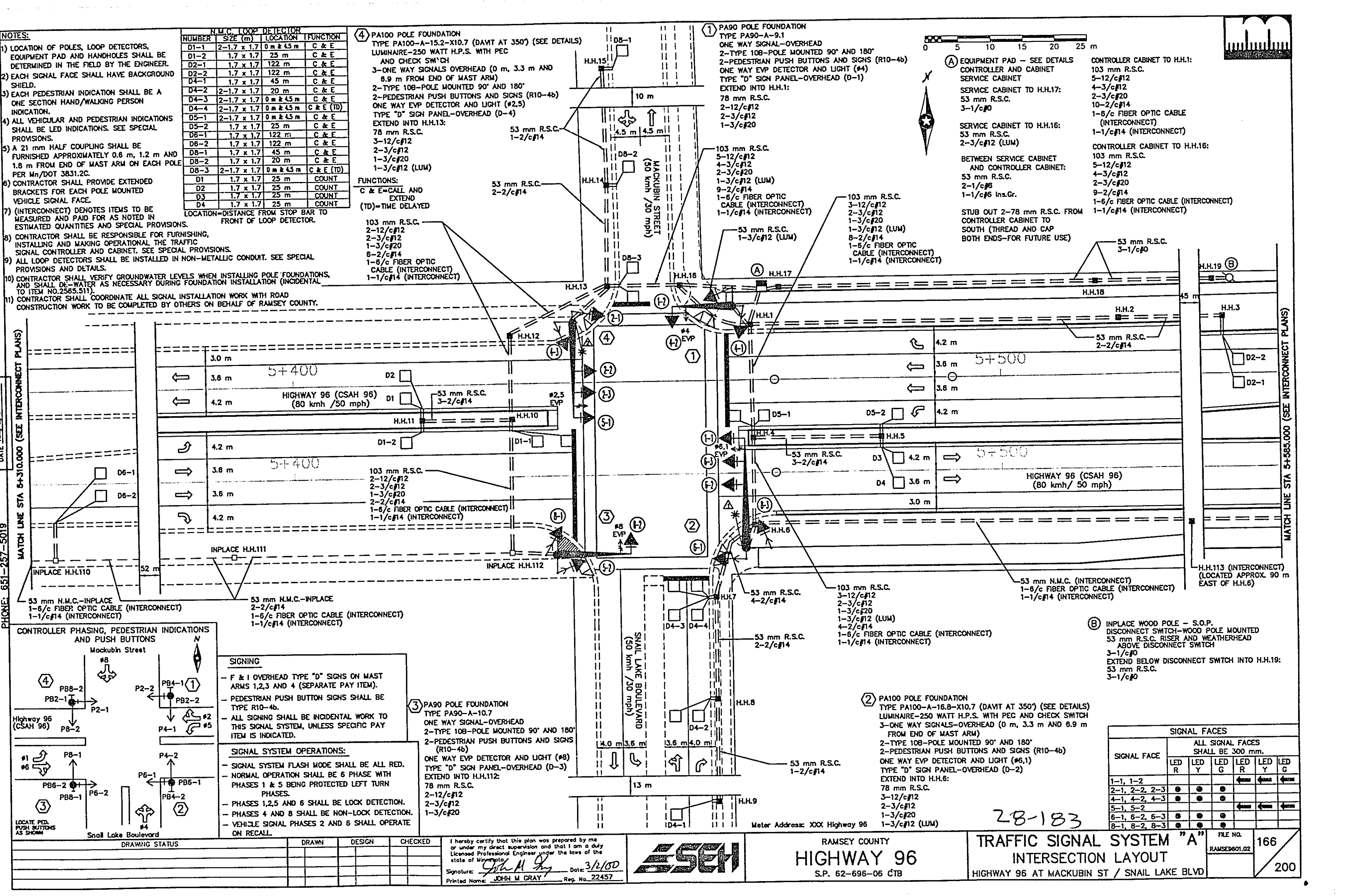
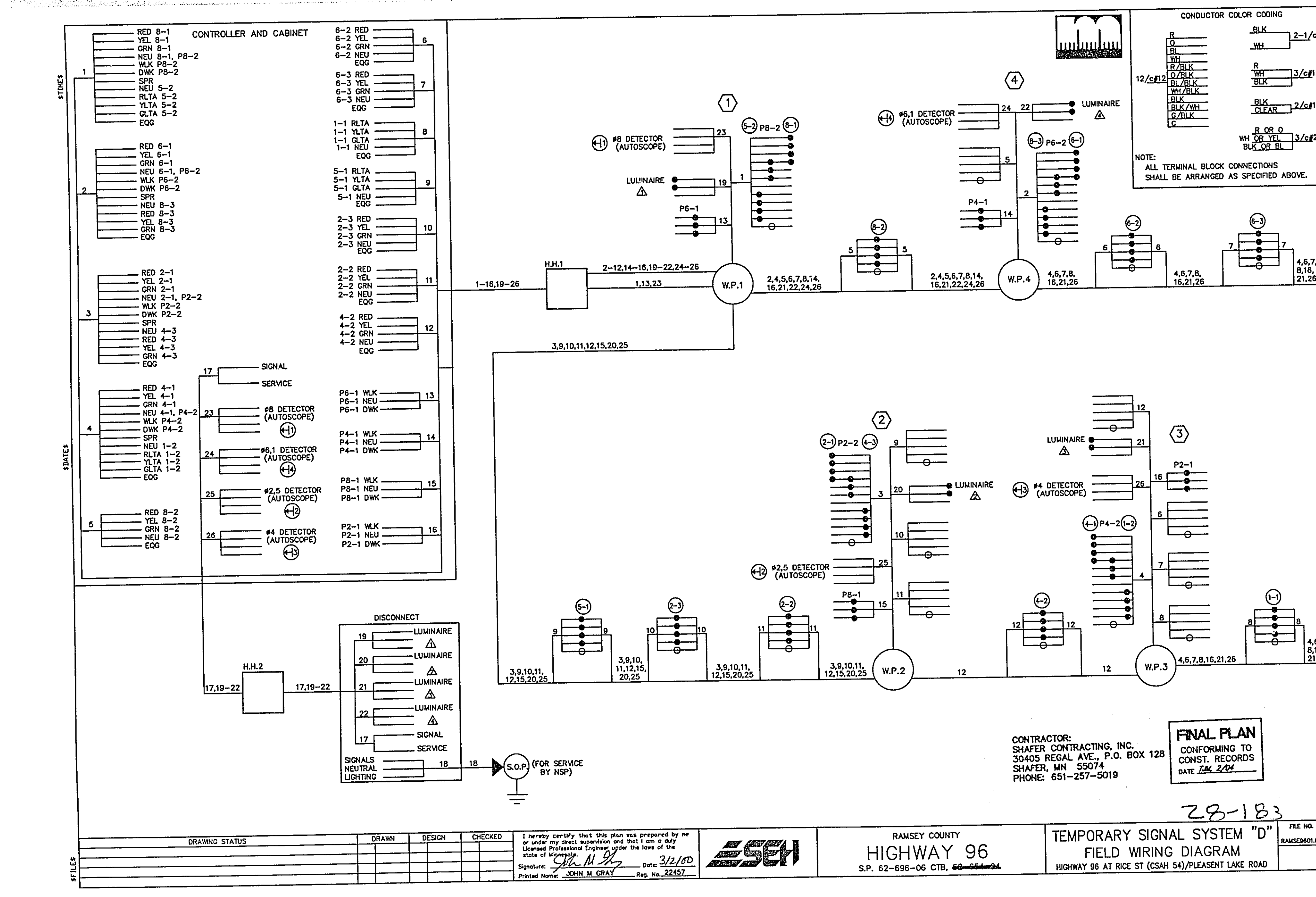
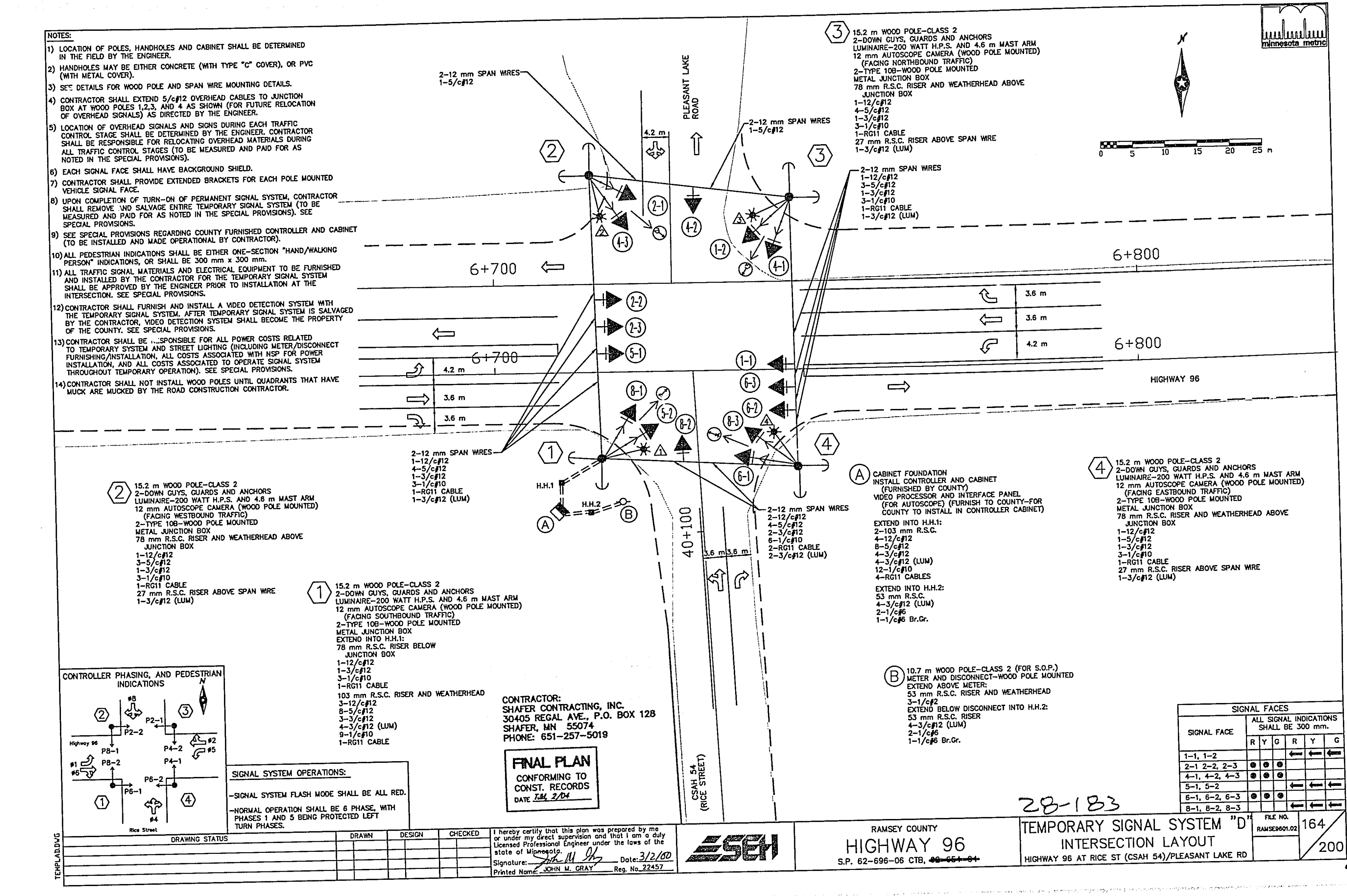
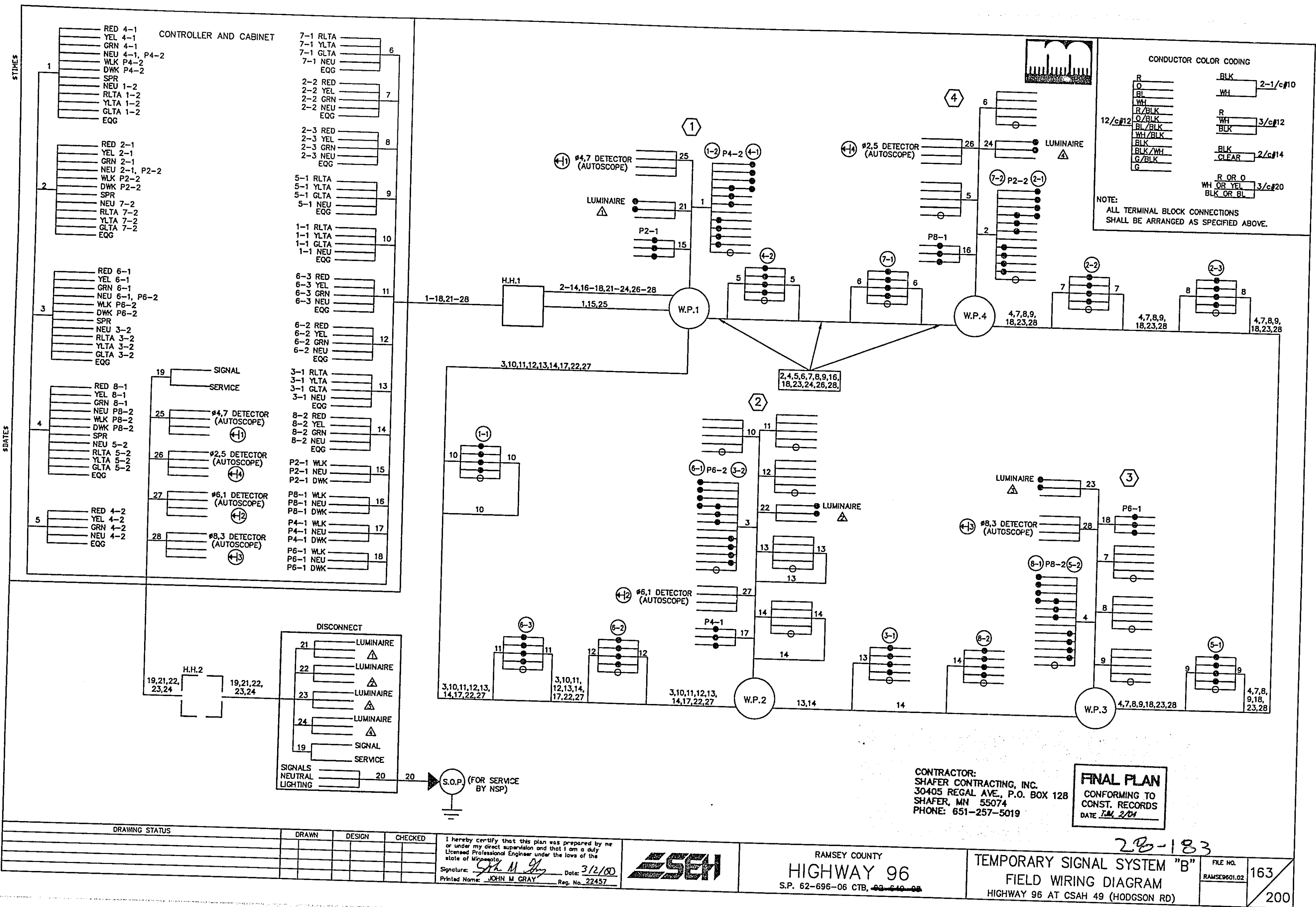


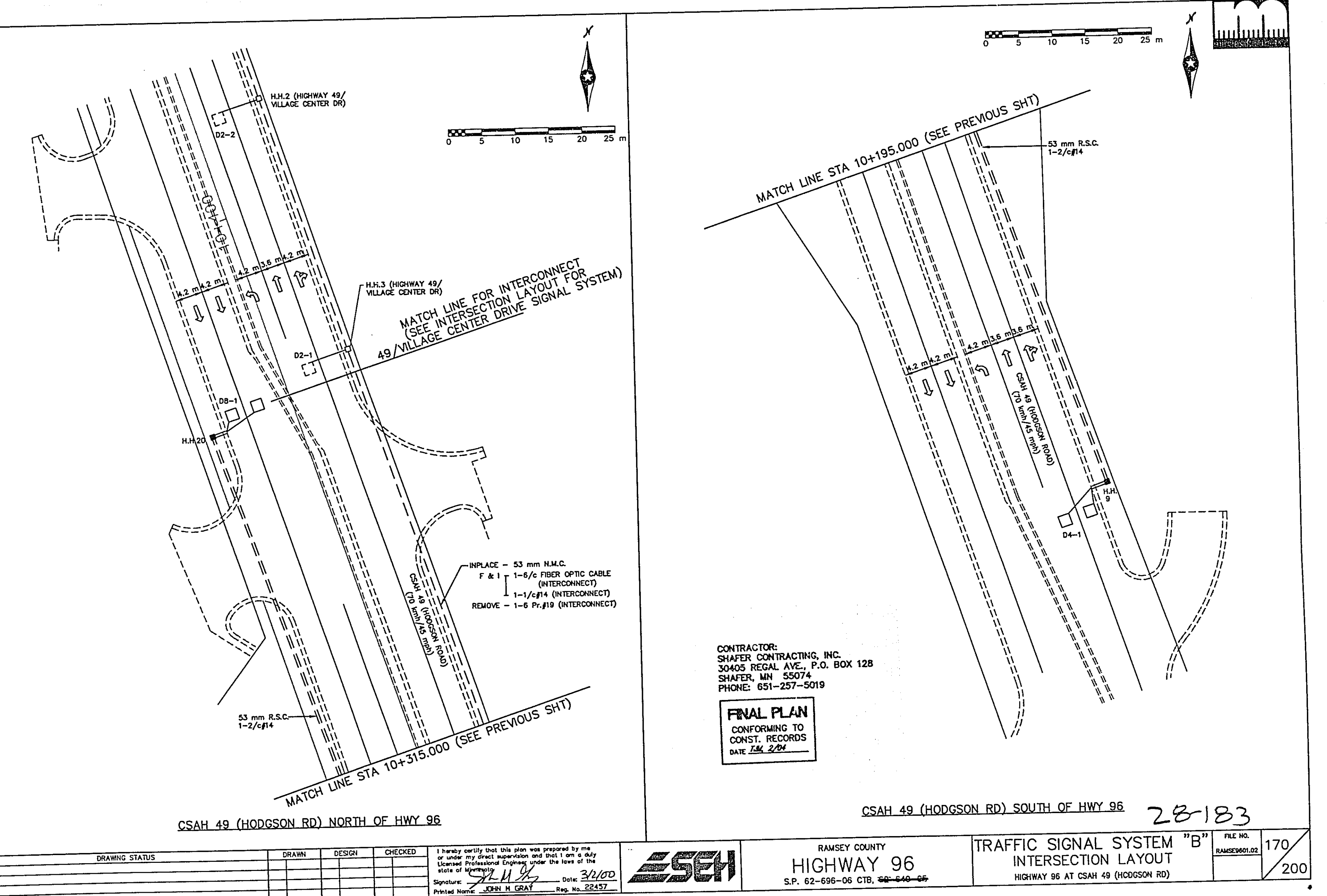
CONTRACTOR:
SHAFFER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFFER, MN 55074
PHONE: 651-257-5018

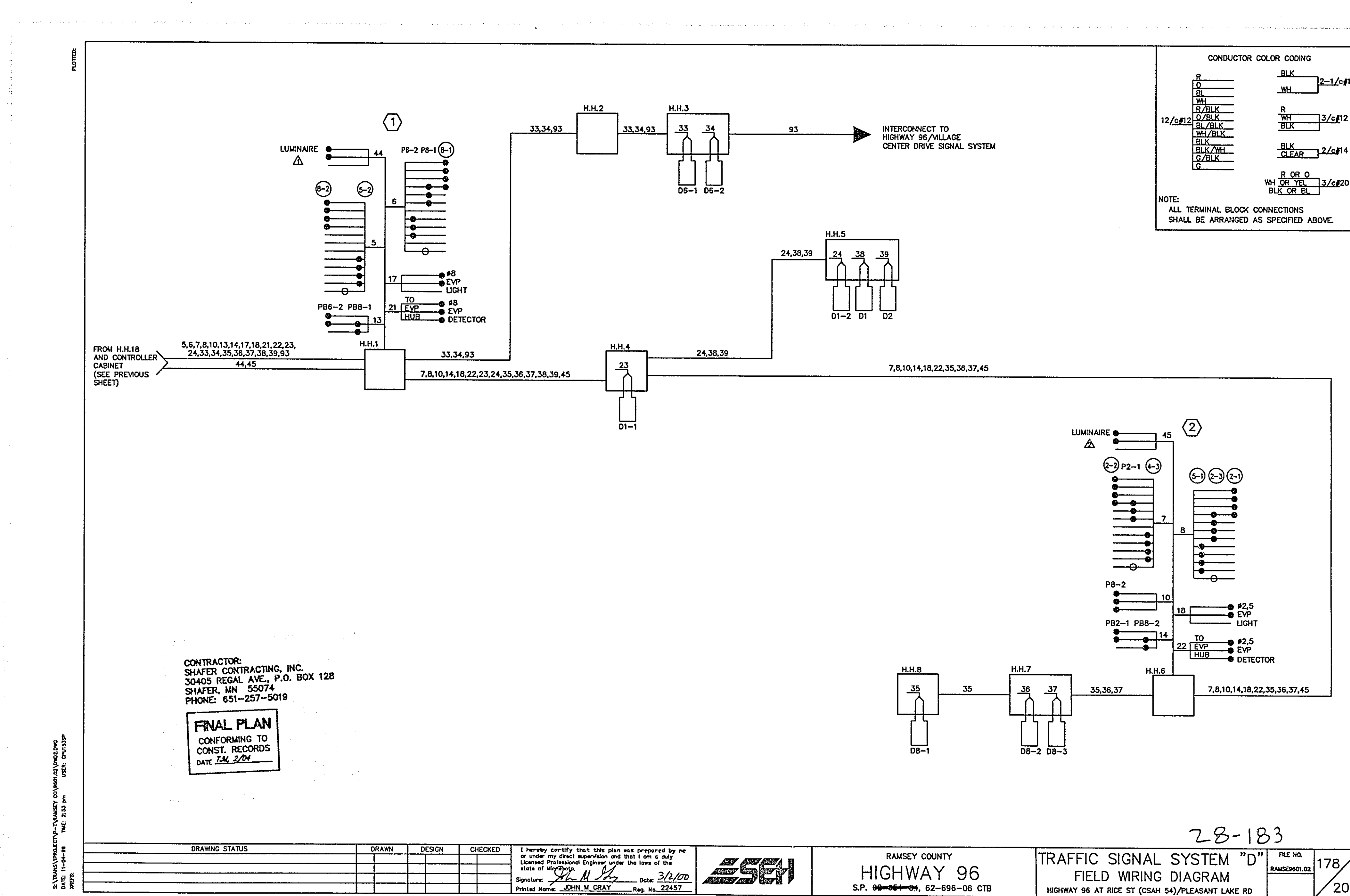
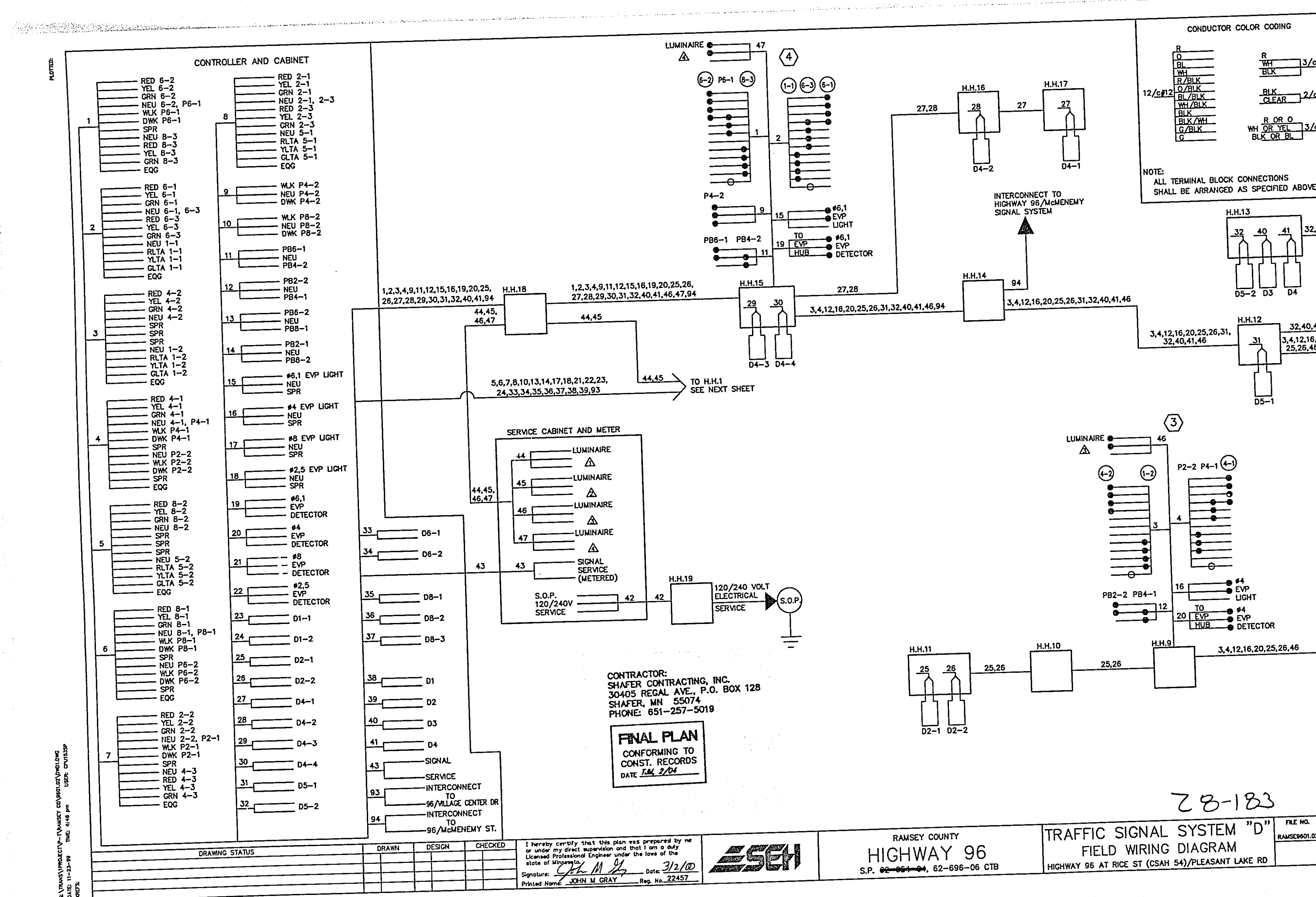
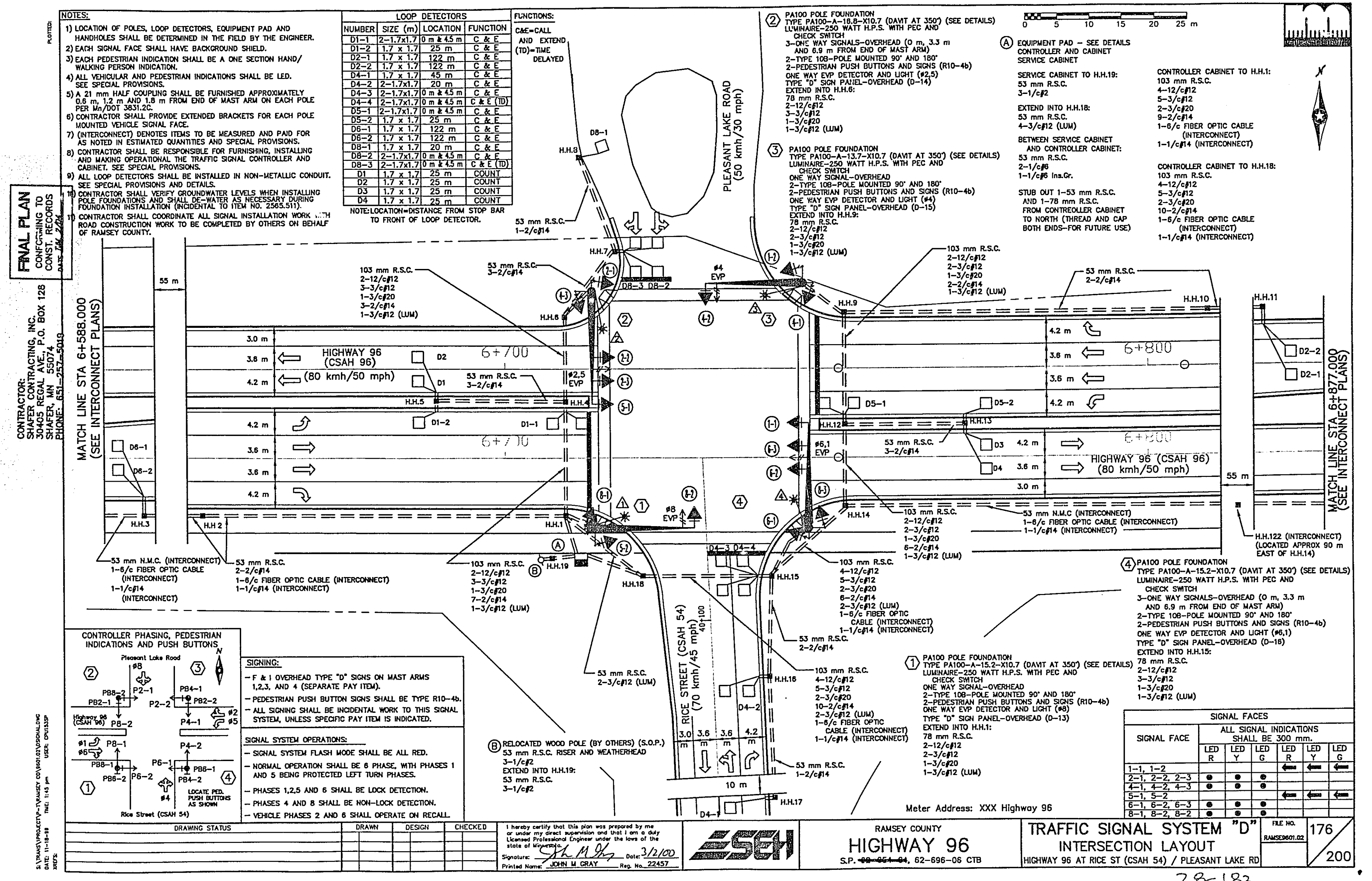
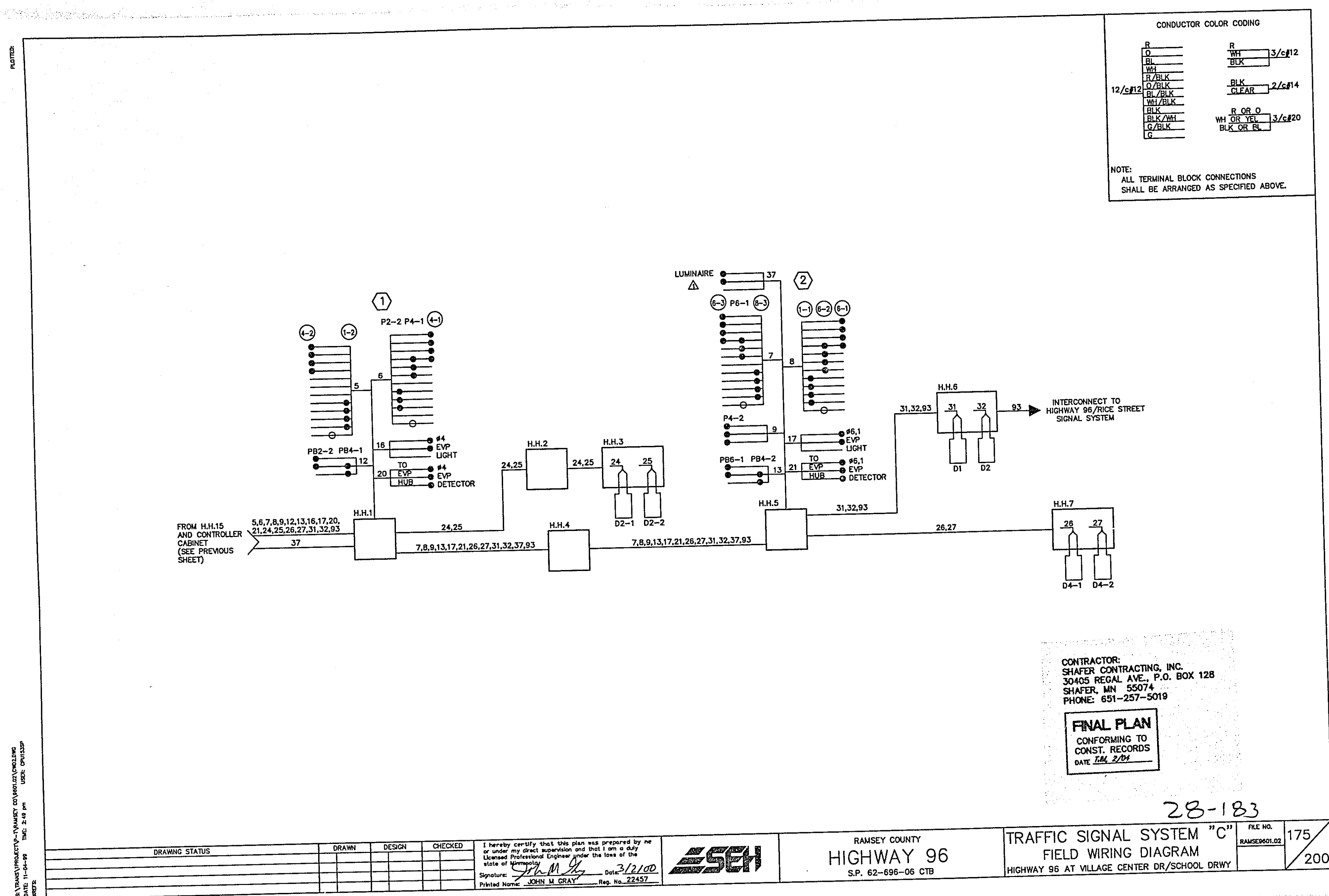
FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE *T.M. 2/04*

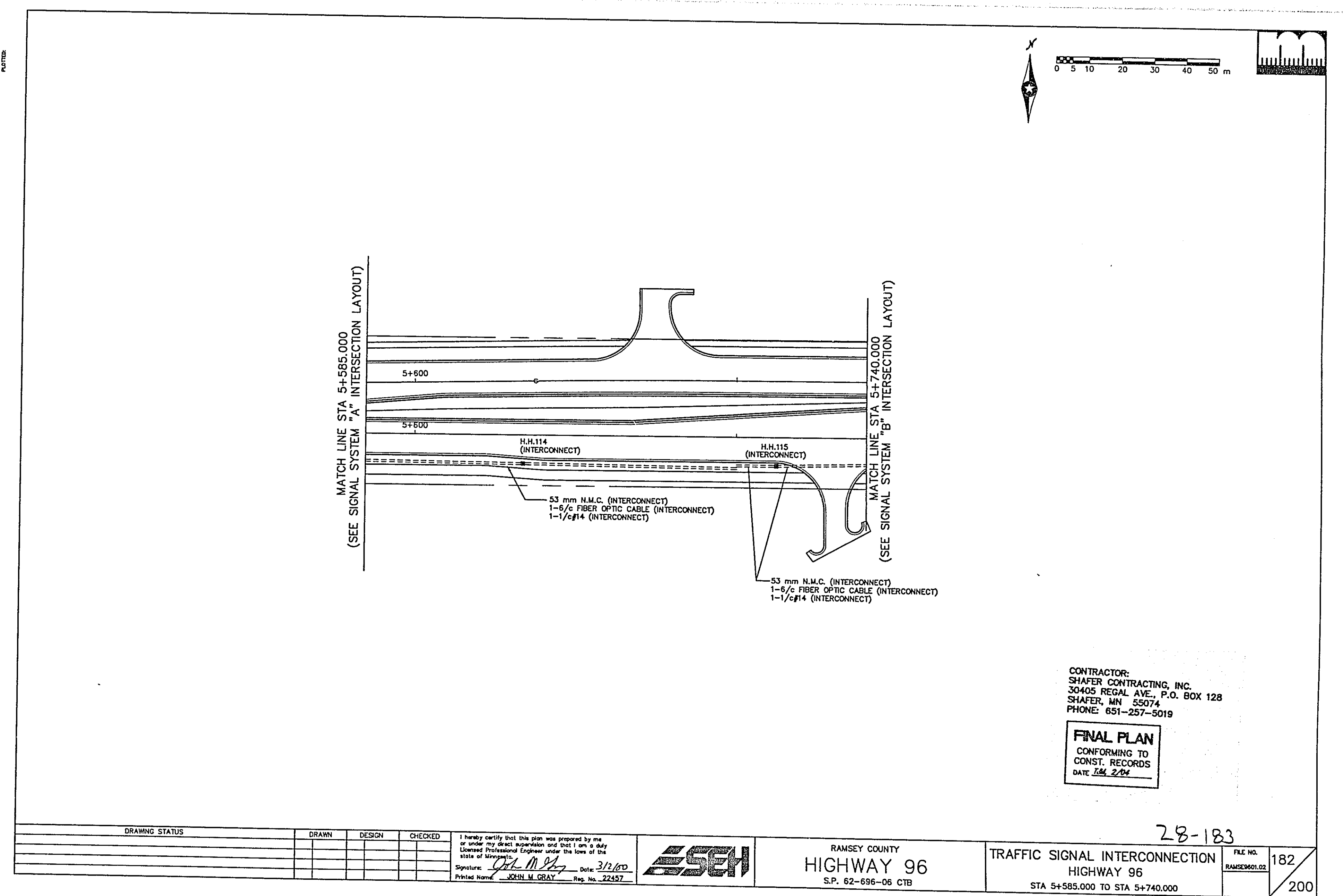
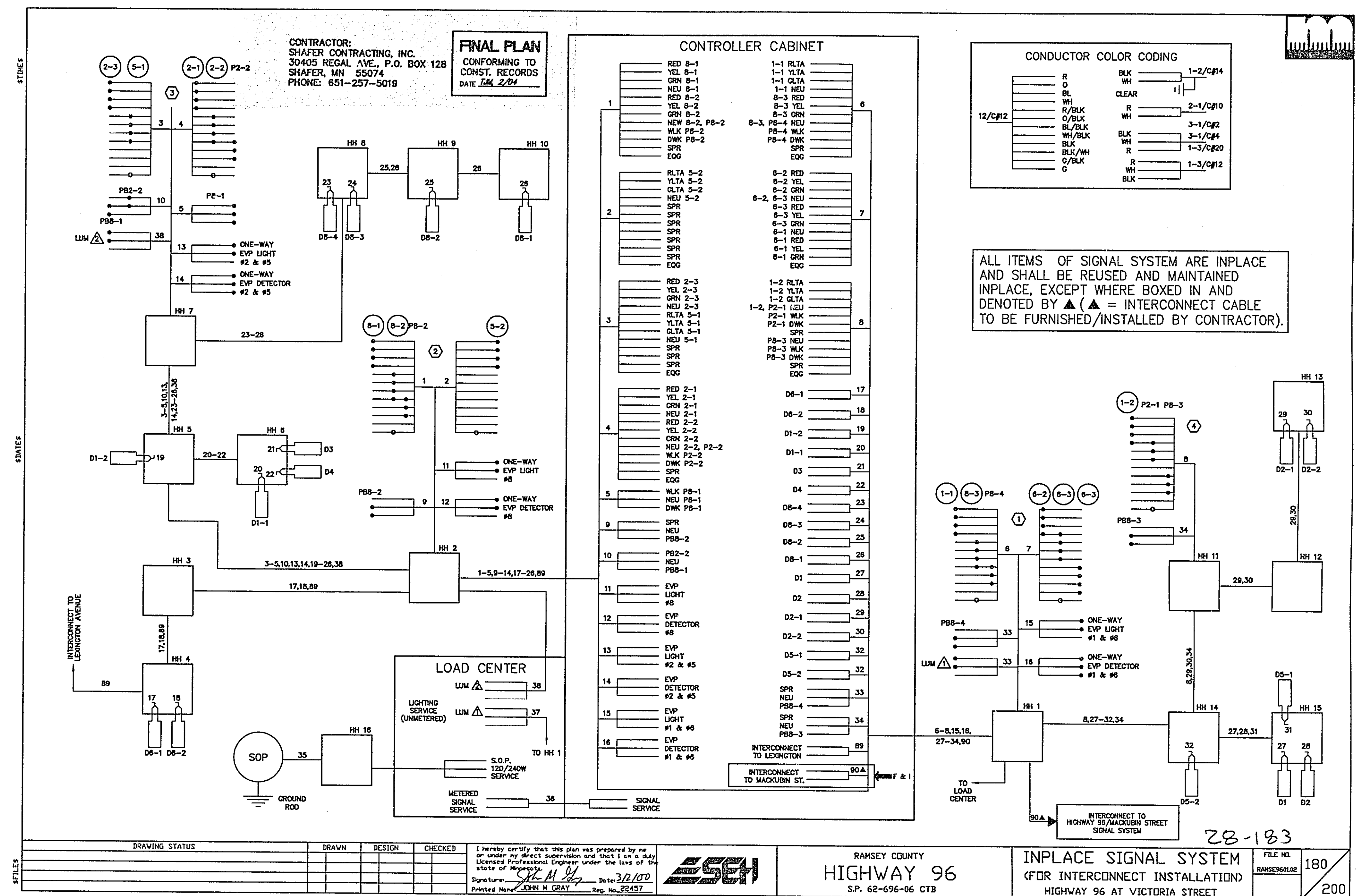
SIGNAL FACES						
SIGNAL FACE	ALL SIGNAL INDICATIONS SHALL BE 300 mm.					
	R	Y	G	R	Y	G
1-1, 1-2				←	←	←
2-1 2-2, 2-3	●		●	←	←	←
3-1, 3-2				←	←	←
4-1, 4-2	●	●	●	←	←	←
5-1, 5-2				←	←	←
6-1, 6-2, 6-3	●	●	●	←	←	←
7-1, 7-2				←	←	←
8-1, 8-2	●					

TEMPERATURE	Highway 18	DRAWING STATUS				DRAWN	DESIGN	CHECKED	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Mississippi. Signature: <u>JOHN M. GRAY</u> Date: <u>3/2/00</u> Printed name: <u>JOHN M. GRAY</u> Reg. No. <u>22457</u>	RAMSEY COUNTY HIGHWAY 96 S.P. 62-696-06 CTB, ~~62-696-06~~	28-183 TEMPORARY SIGNAL SYSTEM "B" INTERSECTION LAYOUT HIGHWAY 96 AT HIGHWAY 49 (HODGSON RD)	FILE NO. 162 RAMSEYCO.DJ
	TURN PHASES.								6-1, 6-2, 6-3 7-1, 7-2 8-1, 8-2	100% 100% 100%	100% 100% 100%	
	DRAWING STATUS								100% 100% 100%	100% 100% 100%	100% 100% 100%	

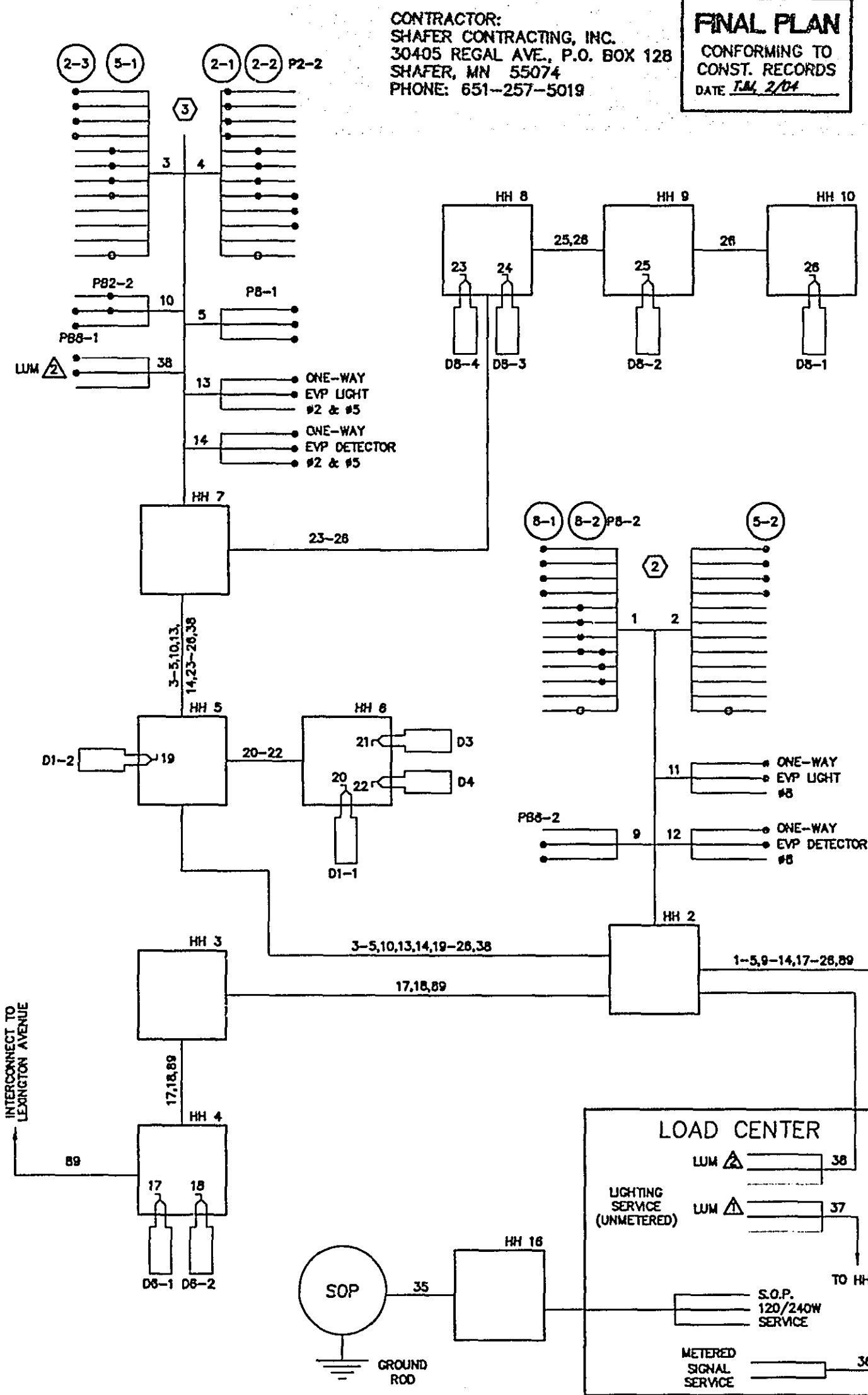








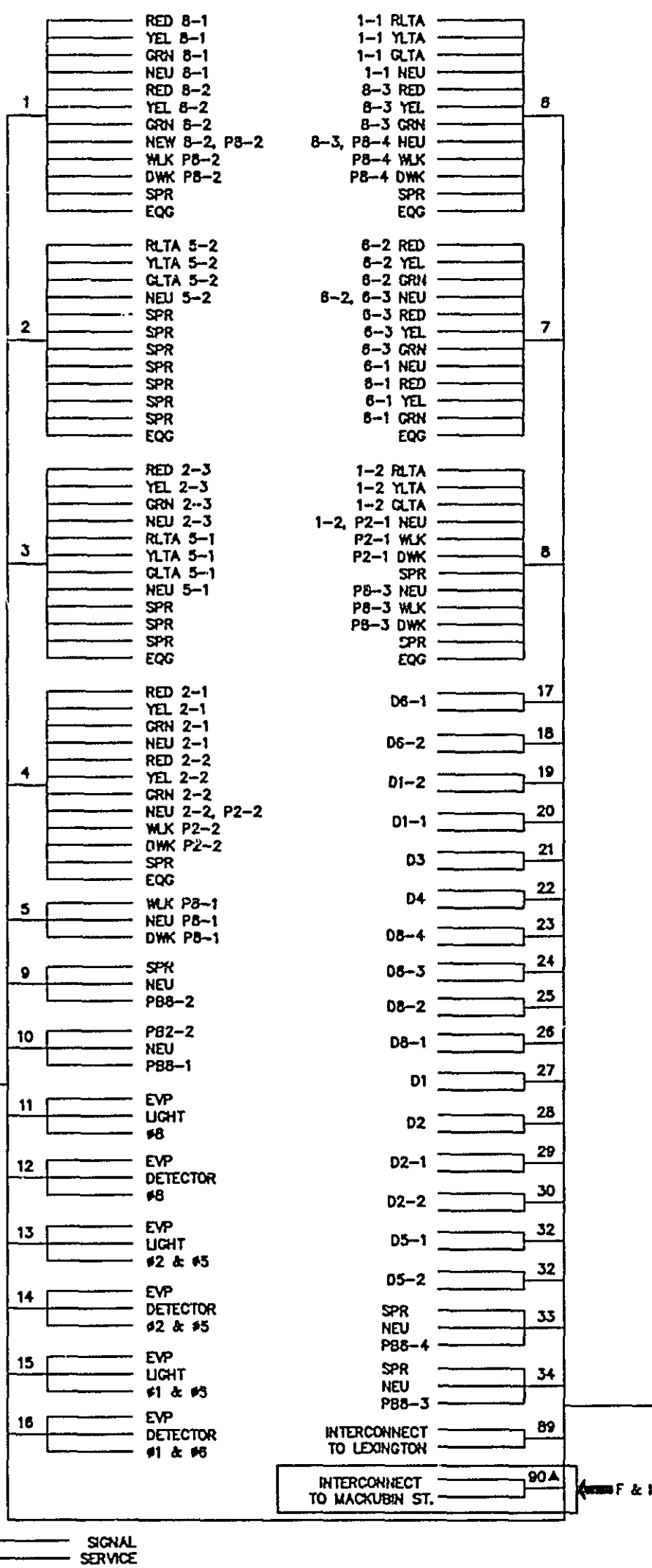
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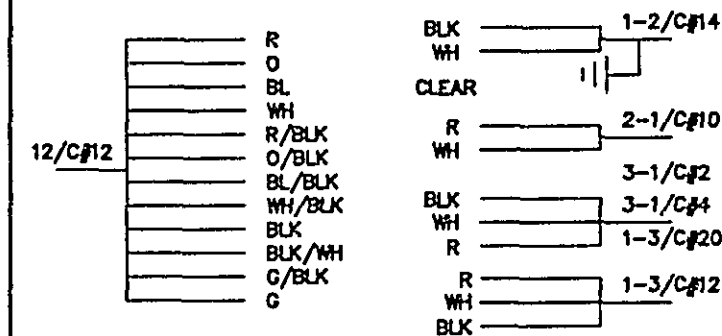
CONTRACTOR:
SHAFAER CONTRACTING, INC.
30405 REGAL AVE., P.O. BOX 128
SHAFAER, MN 55074
PHONE: 651-257-5019

FINAL PLAN
CONFORMING TO
CONST. RECORDS
DATE T.M. 2/04

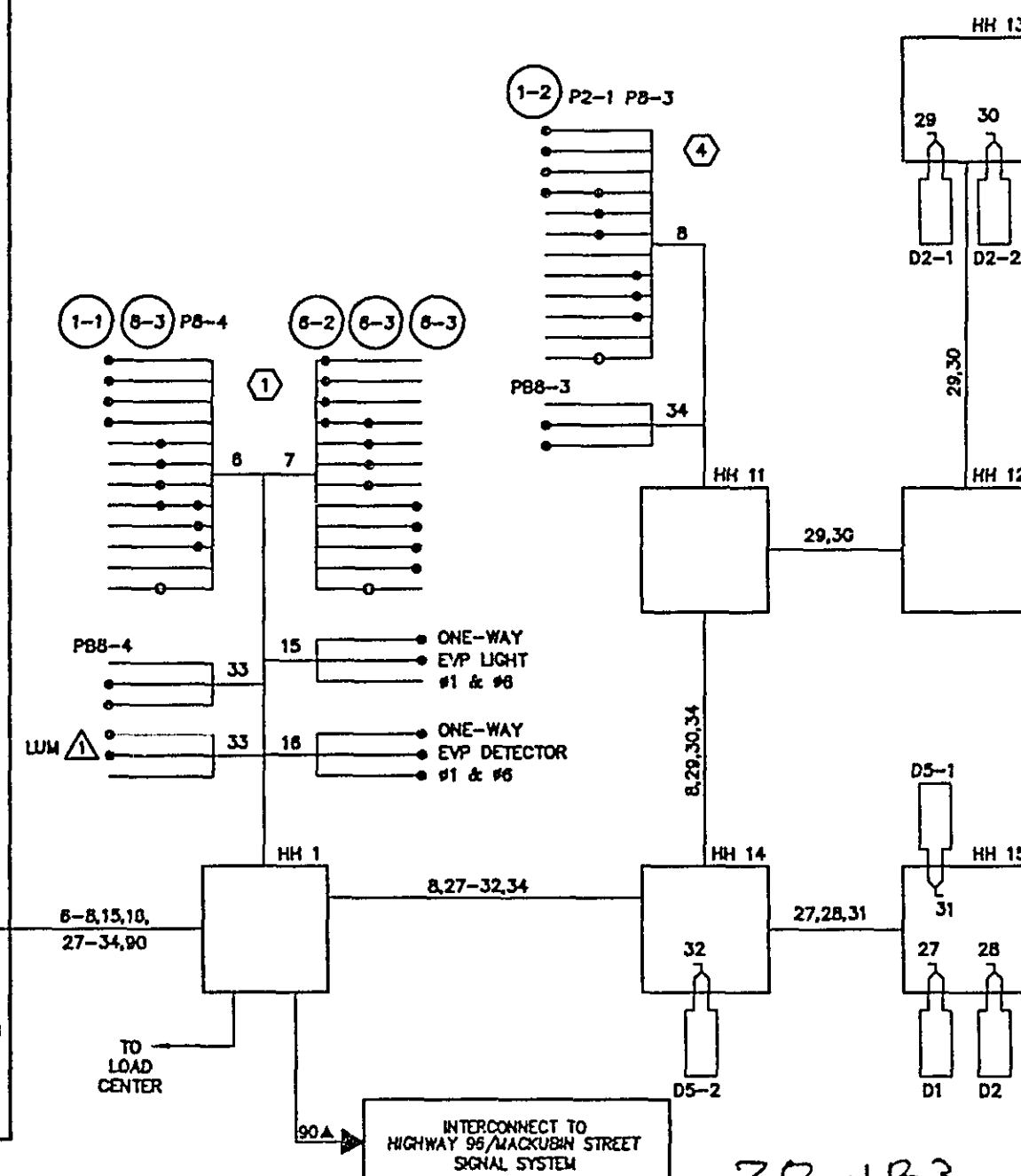
CONTROLLER CABINET



CONDUCTOR COLOR CODING



ALL ITEMS OF SIGNAL SYSTEM ARE INPLACE AND SHALL BE REUSED AND MAINTAINED INPLACE, EXCEPT WHERE BOXED IN AND DENOTED BY ▲ (▲ = INTERCONNECT CABLE TO BE FURNISHED/INSTALLED BY CONTRACTOR).



28-183

DRAWING STATUS	DRAWN		DESIGN		CHECKED	

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

Signature: John M Gray Date: 3/2/00
Printed Name: JOHN M GRAY Reg. No. 22457



RAMSEY COUNTY
HIGHWAY 96
S.P. 62-696-06 CTB

INPLACE SIGNAL SYSTEM
(FOR INTERCONNECT INSTALLATION)
HIGHWAY 96 AT VICTORIA STREET

FILE NO.	RAHSE960102
----------	-------------

180

200

