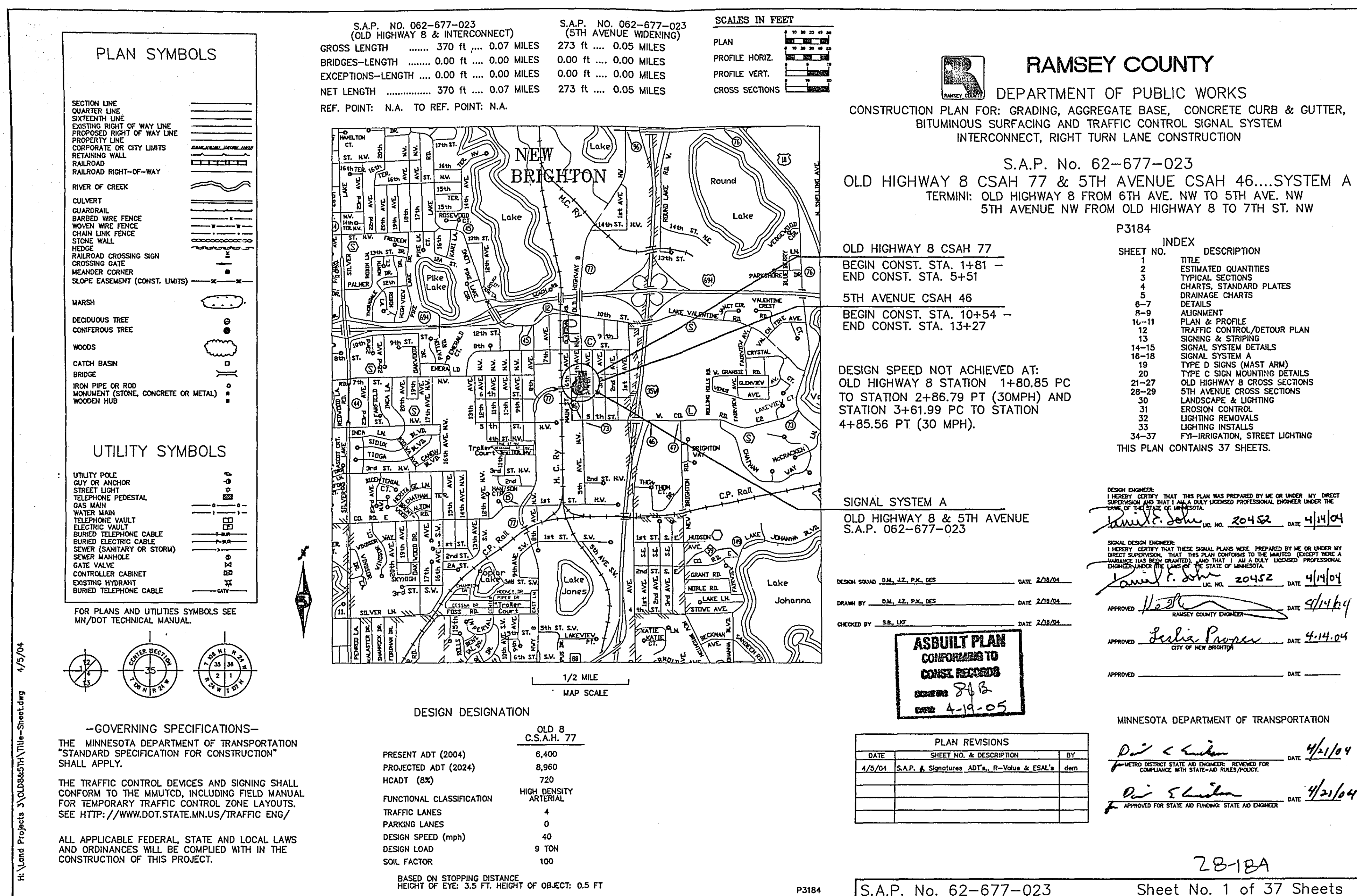




CONSTRUCTION NOTES

WATER, GAS, ELECTRIC, TELEPHONE, SEWER, AND T.V. CABLE LINES SHOWN ON THE DRAWINGS AND CROSS-SECTIONS ARE PLOTTED FROM THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION, BUT MAY NOT REFLECT ACTUAL LOCATIONS OR ELEVATIONS. THE CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS BEFORE BEGINNING CONSTRUCTION WHICH MAY BE AFFECTED BY THE UTILITY CONFLICT. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE TO THE OWNERS OF ALL KNOWN UTILITIES BEFORE STARTING ANY OPERATIONS AFFECTING THOSE PROPERTIES, OR BEGINNING EXCAVATION IN THE VICINITY OF THOSE PROPERTIES. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 1507 IN THE STANDARD SPECIFICATIONS.

UTILITY COMPANIES WILL RELOCATE THEIR FACILITIES CONCURRENTLY WITH THE CONSTRUCTION OPERATIONS UNDER THIS CONTRACT. CONTRACTOR SHALL SCHEDULE CONSTRUCTION IN COOPERATION WITH UTILITY RELOCATION.

PROVIDE FOR REMOVAL AND DISPOSAL (OUTSIDE THE CONSTRUCTION ZONE) OF ALL INPLACE STRUCTURES THAT WILL INTERFERE WITH CONSTRUCTION. DISPOSAL OF ITEMS REMOVED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF 2104.503.

EXCESS EXCAVATED AND UNSUITABLE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF 2104.501 AND 2105.30.

LOADING QUANTITIES ALONG ROADWAY SLOPES ARE BASED ON SOODING LIMITS FROM THE BACK OF THE CURB TO THE CONSTRUCTION LIMITS.

COMPACTION IN GRADING ITEMS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH SPEC. 2105.3F2 - "QUALITY COMPACTION METHOD".

COMPACTION OF BITUMINOUS SURFACE ITEMS SHALL BE ACCOMPLISHED IN ACCORDANCE

WITH SPEC. 2360.6C " MAXIMUM DENSITY METHOD."

WHEN EXCAVATING ADJACENT TO INPLACE PAVEMENT, NO MATERIAL SHALL BE REMOVED FROM INSIDE AN APPROXIMATE 2:1 SLOPED LINE DRAWN DOWNWARD AND OUTWARD FROM THE BOTTOM OF THE INPLACE PAVEMENT.

WHEN CONNECTION TO EXISTING BITUMINOUS PAVEMENT IS REQUIRED, THE EDGE OF EXISTING PAVEMENT SHALL BE CUT TO A NEAT LINE PRIOR TO CONSTRUCTING ASPHALT SURFACING.

STABILIZING AGGREGATE SHALL BE APPLIED IF NECESSARY TO ACHIEVE SATISFACTORY SURFACE STABILITY AS DETERMINED BY THE ENGINEER. THE MATERIAL SHALL SATISFY THE REQUIREMENTS OF SECTION 3149.2C. IT SHALL BE APPLIED IN ACCORDANCE WITH SECTION 2105.3G OF THE STANDARD SPECIFICATIONS.

USE TACK COAT BETWEEN ALL BITUMINOUS LIFTS.

ALL USES OF THE WORD "INCIDENTAL" IN THESE CONSTRUCTION DOCUMENTS SHALL BE CONSTRUED TO MEAN INCIDENTAL WORK FOR WHICH NO DIRECT COMPENSATION SHALL BE MADE.

NEW ADD REQUIREMENTS SEE NOTE 5, SHEET 5.

EXCESS COMMON EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE COST FOR DISPOSAL SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND NO ADDITIONAL COMPENSATION WILL BE PAID OUTSIDE THE PRICE BID FOR COMMON EXCAVATION.

QUANTITY NOTES

1. SAWCUT SHALL BE FULL DEPTH
2. FOR DUST CONTROL
3. INCLUDES 22 CUBIC YARDS FOR SIDEWALK
4. INCLUDES 10 TONS FOR ENTRANCES
5. ALL PEDESTRIAN RAMPS SHALL HAVE A 2'X4' TRUNCATED DOME AREA

Basis for Estimated Quantities

- | | |
|----------|---|
| 2211.503 | - AGGREGATE BASE - 3780 lbs PER CU. YD |
| 2350.609 | - BITUMINOUS MIXTURES - 110 LBS PER 1" THICKNESS PER SQ. YD. |
| 2357.502 | - BITUMINOUS MATERIAL FOR TACK COAT ESTIMATED 0.05 GAL. PER SQ. YD. PER APPLICATION |
| 2575.511 | - MULCH MATERIAL ESTIMATED AT 2 TONS PER ACRE |
| 2575.532 | - FERTILIZER APPLICATION RATE 250 lbs PER ACRE |

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]

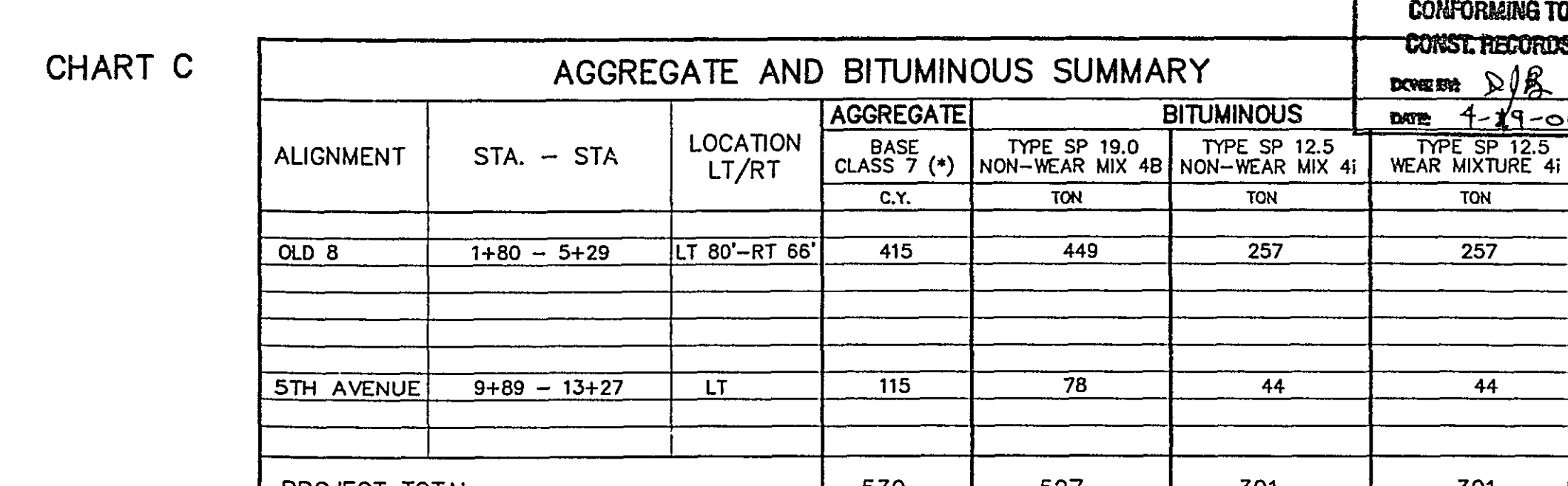
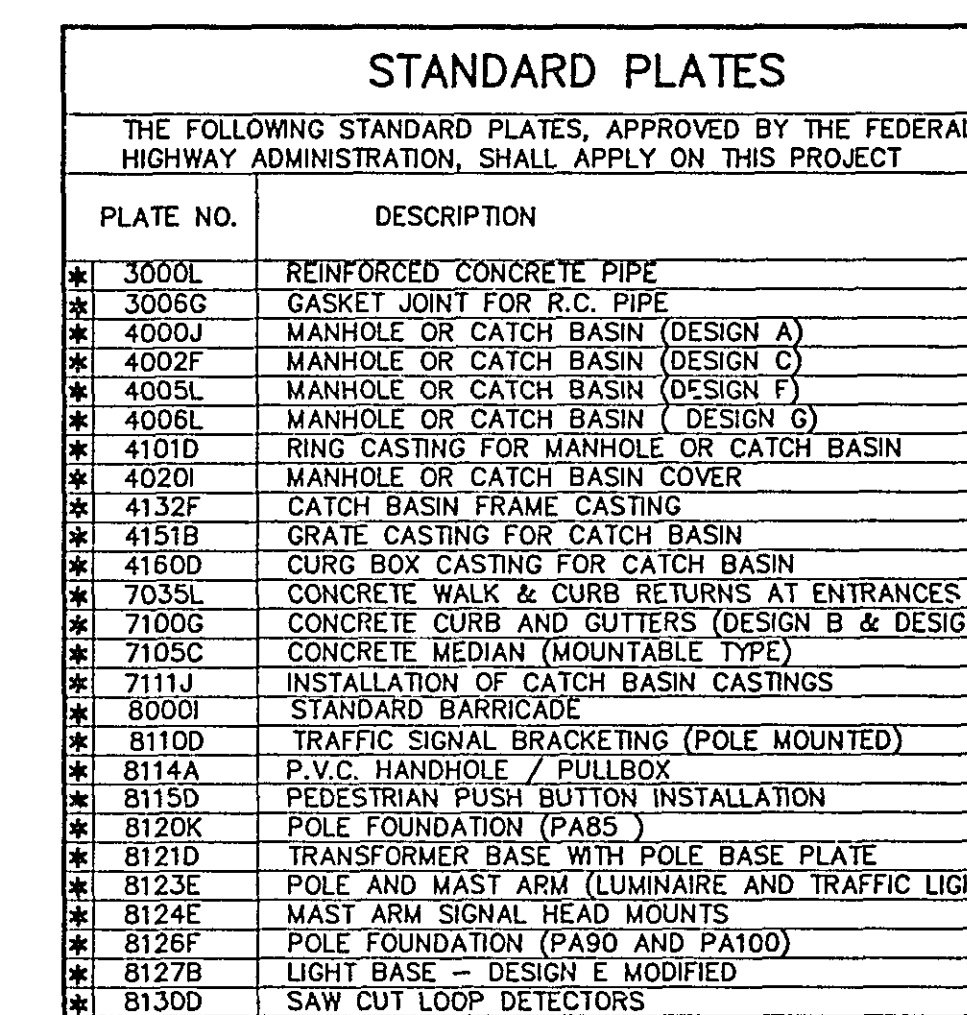
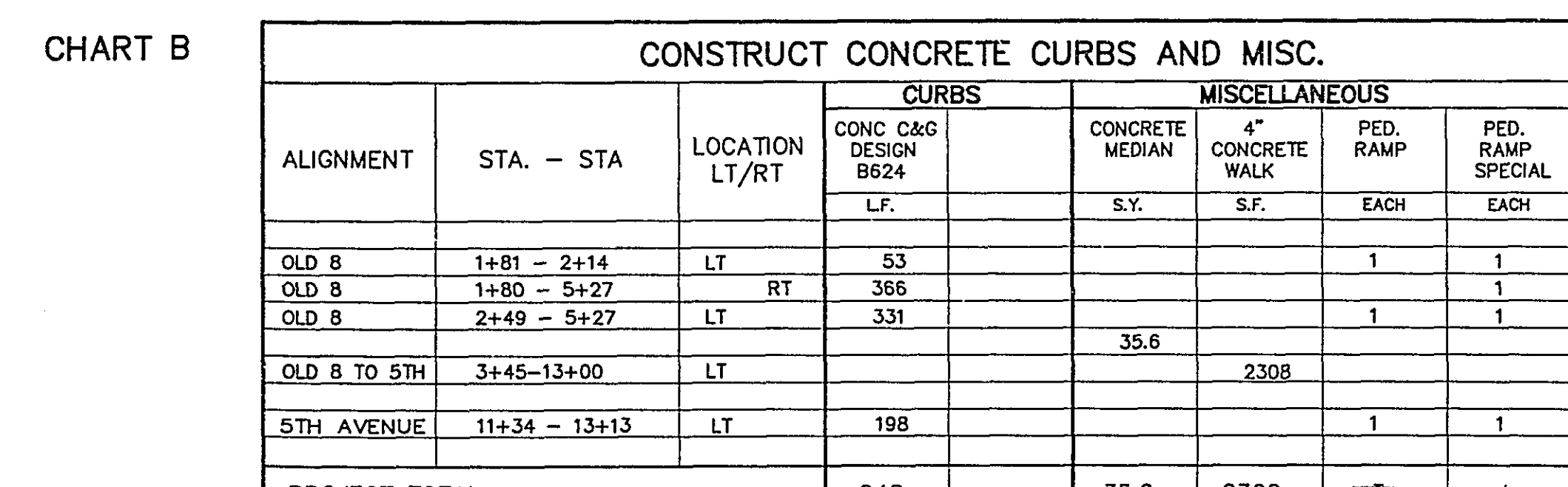
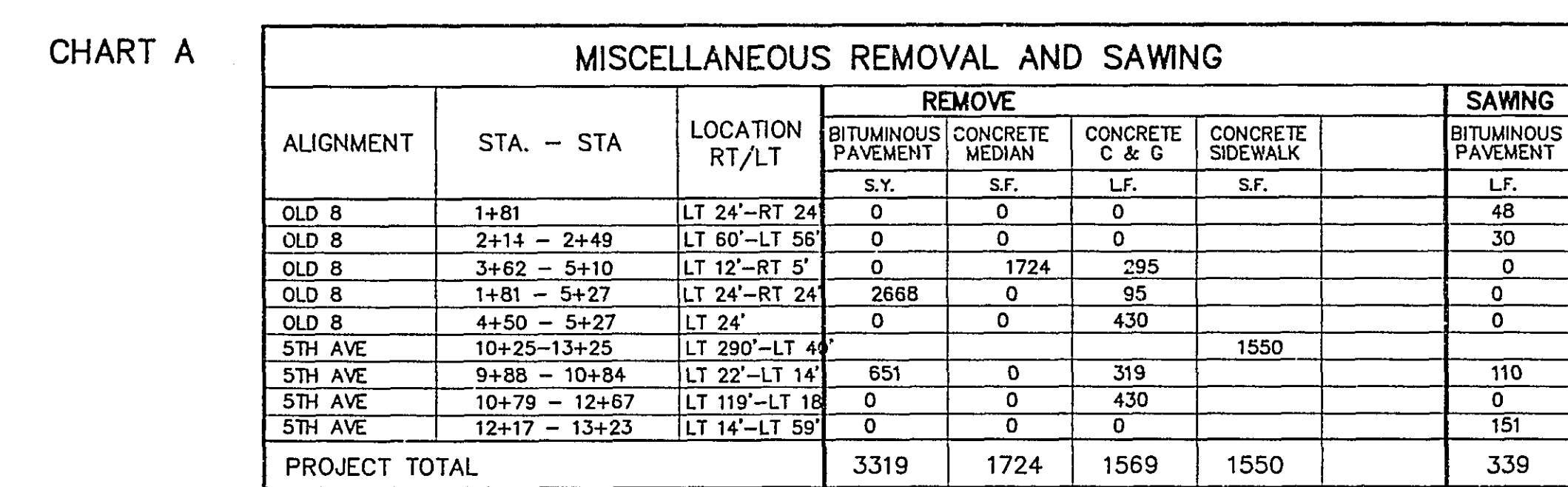
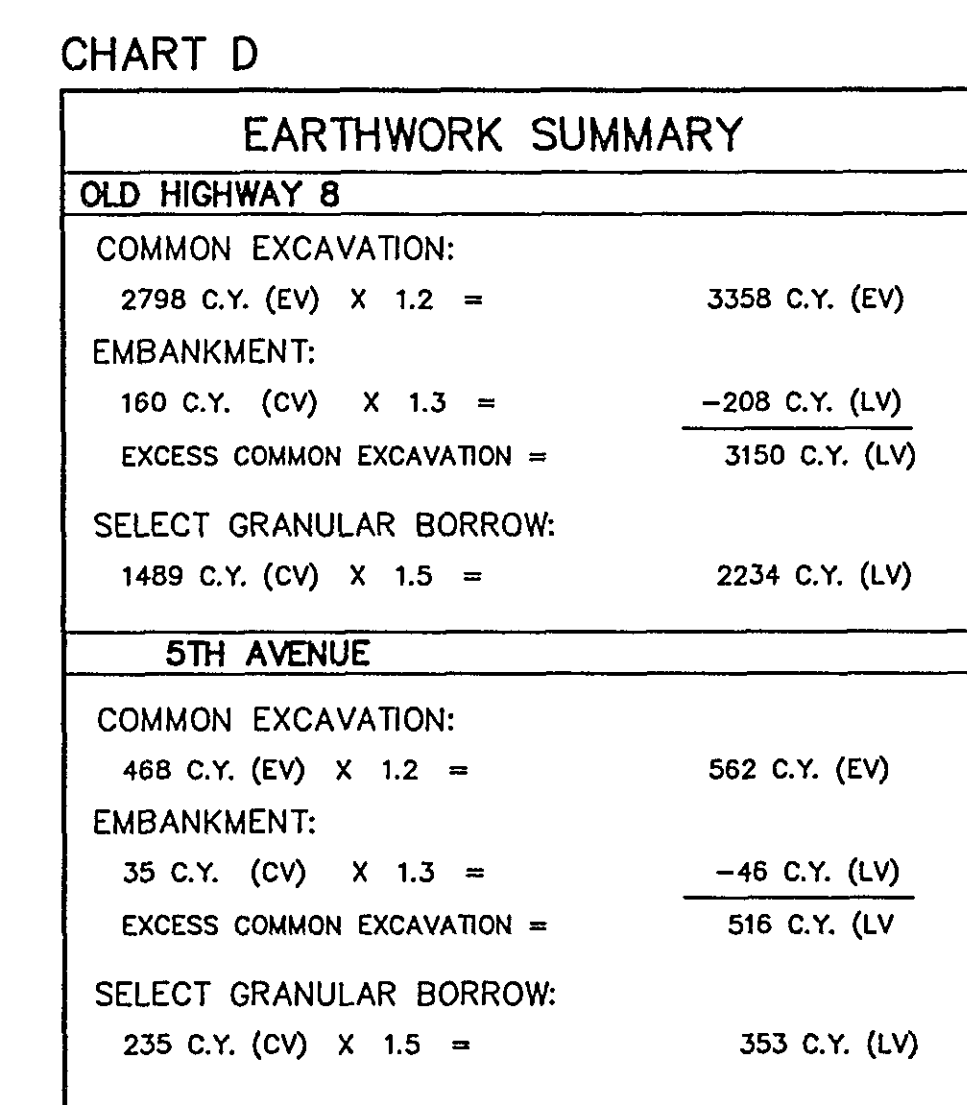
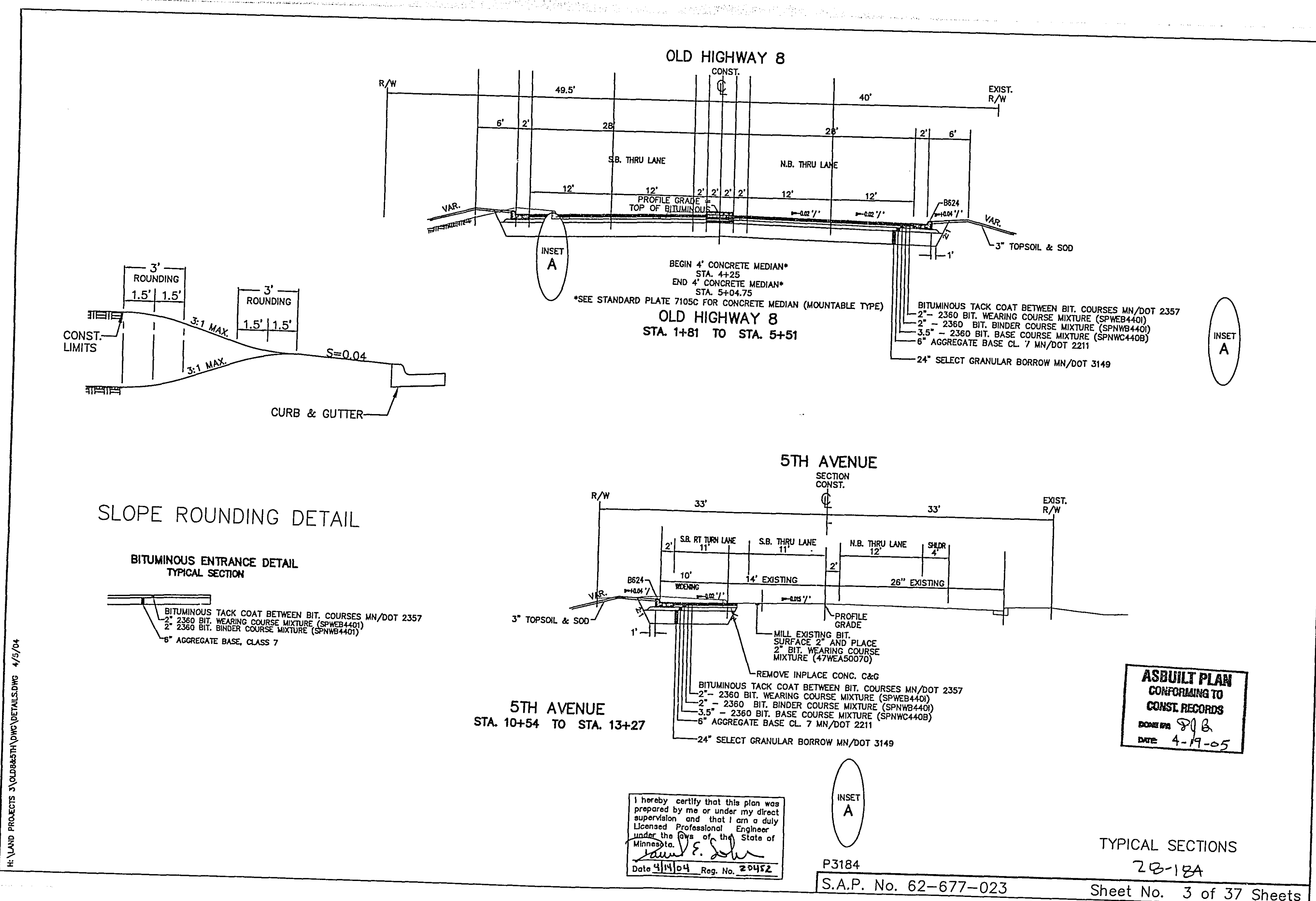
Date 4/14/04 Reg. No. 20482

STATEMENT OF ESTIMATED QUANTITIES

CHART	NOTE	ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITY	PARTICIPATION		
						RAMSEY SEWER (SP 62-67-42)	RAMSEY COUNTY (SP 62-67-42)	CITY-NEW BRITTON (LANDSCAPE)
		2021.501	MOBILIZATION	LUMP SUM	1	1		
		2102.502	PAVEMENT MARKING REMOVAL	L.F.	200	200		
		2104.501	REMOVE CONDUIT & CONDUCTORS	L.F.	760	760		
A		2104.501	REMOVE CURB & GUTTER	L.F.	1359	1359		
A		2104.503	REMOVE CONCRETE SIDEWALK	S.F.	1982	1982		
A		2104.503	REMOVE CONCRETE MEDIAN	S.F.	1724	1724		
A		2104.505	REMOVE BITUMINOUS PAVEMENT	S.Y.	3319	3319		
		2104.509	REMOVE LIGHT STANDARD BASE	EACH	13	13		
E		2104.509	REMOVE CATCH BASIN	EACH	5	5		
A	1.	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	L.F.	339	339		
		2104.523	SALVAGE LIGHTING UNIT	EACH	13	13		
		2104.523	SALVAGE SIGN	EACH	18	18		
D		2105.601	COMMON EXCAVATION (EV) (P)	C.Y.	3920	3920		
D		2105.522	SELECT GRANULAR BORROW (LV)	C.Y.	2587	2587		
		2105.526	SELECT TOPSOIL BORROW (LV)	C.Y.	269	269		
		2123.610	STREET SWEEPER WITH PICK-UP BROOM	HOUR	10	10		
		2130.501	WATER	(M) GAL	10	10		
A	3.	2211.503	AGGREGATE BASE, CLASS 7 (CV)	GALLO.	530(P)	530(P)		
		2357.502	BITUMINOUS MATERIAL FOR ROAD COAT	TON	280	280		
C	4.	2360.501	TYPE SP 12.5 WEARING COURSE MIXTURE 4I	TON	280	280		
C	4.	2360.502	TYPE SP 12.5 NON-WEARING COURSE MIXTURE 4I	TON	280	280		
C		2360.502	TYPE SP 19.0 NON-WEARING COURSE MIXTURE 4B	TON	527	527		
E		2503.541	12" RC PIPE SEWER, DES 3005 CL V	L.F.	58	58		
		2504.602	ADJUST VALVE BOX	EACH	3	3		
F		2506.502	CONSTRUCT DRAINAGE STRUCTURE, DES. 4B-4020	EACH	8	8		
E		2506.522	ADJUST FRAME AND RING CASTING	EACH	1	1		
B		2521.501	4" CONCRETE MANH	S.F.	2308	2308		
B		2531.501	CONCRETE CURB & GUTTER DES. B624	L.F.	948	948		
B		2531.503	CONCRETE MEDIAN	S.Y.	35.6	35.6		
B	5.	2531.602	CONCRETE PEDESTRIAN RAMP	EACH	5	5		
B	5.	2531.602	CONCRETE PEDESTRIAN RAMP - SPECIAL	EACH	4	4		
		2545.515	LIGHT BASE, DESIGN E MODIFIED	EACH	11	11		
		2545.521	1 1/2" RIGID STEEL CONDUIT	L. F.	10	70		
		2545.523	1 1/2" NONMETALLIC CONDUIT	L. F.	675	675		
		2545.531	UNDERGROUND WIRE, 1 CONDUCTOR NO. 4	L. F.	4676	4676		
		2545.602	RELOCATE LIGHTING UNIT	EACH	11	11		
		2550.501	VIDEO DETECT SYSTEM	L. S.	1	1		
		2563.601	TRAFFIC CONTROL	L. S.	1	1		
J		2564.531	SIGN PANELS TYPE C	S. F.	61.8	61.8		
K		2564.531	SIGN PANELS TYPE D	S. F.	46.5	46.5		
		2564.602	PAVEMENT MESSAGE (LEFT ARROW) EPOXY	EACH	1	1		
		2564.602	PAVEMENT MESSAGE (RIGHT ARROW) EPOXY	EACH	1	1		
J		2564.602	PAVEMENT MESSAGE (ONLY) EPOXY	EACH	1	1		
J		2564.603	4" SOLID LINE WHITE-EPOXY	L. F.	280	280		
J		2564.603	4" BROKEN LINE WHITE-EPOXY	L. F.	160	160		
J		2564.603	4" DOUBLE SOLID LINE YELLOW-EPOXY	L. F.	415	415		
J		2564.604	ZEBRA CROSSWALK WHITE-EPOXY	S. Y.	40	40		
		2565.911	FULL T. ACT. T. CONTROL SIGNAL SYSTEM A	SIG. SYS.	1	1		
		2565.601	EMERGENCY VEHICLE PRE-EMPTION SYSTEM A	L. S.	1	1		
I		2573.502	SILT FENCE, MACHINE SLICED	L. F.	630	630		
I		2573.603	6" BIOROLL	L. F.	200	200		
		2573.530	INLET PROTECTION TYPE A	EACH	5	5		
		2573.530	INLET PROTECTION TYPE C	EACH	5	5		

**ASBUILT PLAN
CONFORMING TO
CONST. RECORDS**

REVISION *2/12*
DATE *4-19-95*



(*) AGGREGATE BASE C

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.

David E. Schaefer

Date 4/14/04 Reg. No. 20452

QUARTZ & STANDARD PLATES

CHARTS & STANDARD PLATES

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CHART E

EXISTING STRUCTURES CHART											
STATION	LOCATION	NUMBER	TYPE	DESIGN	PROFILE ELEVATION	ORG. GRATE ELEVATION	NEW GRATE ELEVATION	CB/MH INVERT ELEVATION	RECONSTRUCT CB/MH FL. ELEVATION	CASTING ASSEMBLY	REMARKS
6+48.51	LT. 34.89'	CB 1298	CB	STORM	(E)	917.27	—	912.26	—	—	OUTSIDE CONSTRUCTION LIMITS
6+50.50	RT. 41.38'	CB 1294	CB	STORM	(E)	916.92	—	912.02	—	—	OUTSIDE CONSTRUCTION LIMITS
6+55.18	RT. 41.88'	CB 1263	CB	STORM	(E)	917.18	—	911.48	—	—	OUTSIDE CONSTRUCTION LIMITS
6+57.95	LT. 18.13'	MH 1326	MH	STORM	(E)	917.89	—	910.89	—	—	OUTSIDE CONSTRUCTION LIMITS
6+59.00	LT. 33.36'	CB 1333	CB	STORM	(E)	917.09	—	911.09	—	—	OUTSIDE CONSTRUCTION LIMITS
10+18.13	RT. 28.87'	MH 1015	MH	STORM	(E)	912.87	—	909.31	—	—	OUTSIDE CONSTRUCTION LIMITS
10+18.26	LT. 15.09'	MH 1434	MH	STORM	(E)	912.87	—	908.64	—	—	OUTSIDE CONSTRUCTION LIMITS
10+18.97	LT. 39.73'	CB 1349	CB	STORM	(E)	912.86	912.47 (D)	908.72	—	3.25	A-8 (**) REMOVE, CONVERT LP-4 TO 48-4020 MANHOLE
10+57.12	LT. 49.24'	CB 1435	CB	STORM	(E)	912.30	913.40 (D)	908.12	—	4.35	A-8 (**) REMOVE, CONVERT LP-4 TO 48-4020 MANHOLE
10+59.89	LT. 30.47'	CB 1474	CB	STORM	(E)	912.21	912.44 (D)	908.99	—	4.87	A-8 (**) REMOVE, CONVERT LP-4 TO 48-4020 MANHOLE
11+24.55	LT. 122.56'	CB 1500	CB	STORM	(E)	911.98	914.18 (D)	907.88	—	—	PLUG M.H. REMOVE PIPE & C.B.
11+41.78	LT. 48.61'	MH 9	MH	STORM	(E)	911.86	912.93	906.49	—	—	ADJUST CASTING
11+43.61	LT. 87.72'	MH 1584	MH	STORM	(E)	911.81	911.92 (D)	904.79	—	—	ADJUST CASTING
12+15.12	LT. 19.99'	CB 1461	CB	STORM	(E)	910.44	910.67 (D)	904.37	—	5.74	A-8 (**) REMOVE, CONVERT LP-4 TO 48-4020 MANHOLE
12+88.84	RT. 28.40'	CB 1011	CB	STORM	(E)	908.31	908.20	901.50	—	—	—
12+98.53	RT. 24.47'	CB 1058	CB	STORM	(E)	908.14	908.41	901.50	—	—	—
13+05.61	LT. 21.49'	MH 1555	MH	STORM	(E)	908.03	907.93	900.53	—	—	OUTSIDE CONSTRUCTION LIMITS
13+05.86	LT. 38.70'	CB 1557	CB	STORM	(E)	908.03	908.39	902.83	—	—	OUTSIDE CONSTRUCTION LIMITS
13+14.15	RT. 41.20'	MH 1214	MH	STORM	(E)	907.86	908.61	902.01	—	—	OUTSIDE CONSTRUCTION LIMITS
13+42.35	RT. 40.82'	CB 1005	CB	STORM	(E)	907.85	907.90	902.9	—	—	OUTSIDE CONSTRUCTION LIMITS
13+43.89	LT. 38.86'	CB 1500	CB	STORM	(E)	907.86	907.44	903.84	—	—	OUTSIDE CONSTRUCTION LIMITS

CHART F

PROPOSED DRAINAGE CHART											
STATION	LOCATION	STRUCTURE NO.	TYPE	DESIGN	CONST. HEIGHT UNFT.	CASTING ASSEMBLY	PROFILE GRADE	NEW GRATE OR INVERT	C.B. OR M.H. INVERT	CLASS	REMARKS
1+18.00	LT. 28.30'	CB100	CB	48-4020	7.2	B-2	914.21	914.21	914.21	—	—
2+18.63	RT. 29.69'	CB101	CB	48-4020	7.2	B-2	914.21	914.21	914.21	—	—
2+18.75	LT. 28.32'	CB102	CB	48-4020	7.2	B-2	914.21	914.21	914.21	—	—
4+43.82	RT. 36.36'	CB103	CB	48-4020	7.2	B-2	914.21	914.21	914.21	—	—

CASTING ASSEMBLY - INCLUDE CASTING IN UNIT PRICE BID FOR STRUCTURE BY THE EACH. SPEC. REFERENCE 2508.4 A
 A-8: RING CASTING NO. 700-8; MH/DOE STANDARD PLATE 41010 COVER CASTING NO. 716; MH/DOE STANDARD PLATE 4110F
 B-2: RING CASTING NO. 805; MH/DOE STANDARD PLATE 4129G GRATE CASTING NO. 816; MH/DOE STANDARD PLATE 4154B NO CURB BOX
 S: USE SALVAGED CASTING - PAYMENT FOR INSTALLATION SHALL BE INCLUDED IN PRICE BID FOR STRUCTURE

STRUCTURE DESIGN
 DESIGN 48-4020-MH/DOE STANDARD PLATE 4020I

CHART H

REMOVE & SALVAGE LIGHT POLES			
STATION	LOCATION	OWNER	NOTES
5TH AVE	2+50.29	LT. 25.51'	NEW BRIGHTON
10+23.63	LT. 67.37'	NEW BRIGHTON	SALVAGE
10+36.58	LT. 271.78'	NEW BRIGHTON	SALVAGE
10+58.33	RT. 28'	NEW BRIGHTON	SALVAGE
10+63.39	LT. 203.68'	NEW BRIGHTON	SALVAGE
10+87.01	LT. 55.48'	NEW BRIGHTON	SALVAGE
10+99.37	LT. 149.87'	NEW BRIGHTON	SALVAGE
11+40.34	LT. 107.62'	NEW BRIGHTON	SALVAGE
12+09.03	LT. 61.76'	NEW BRIGHTON	SALVAGE

ASBUILT PLAN
 CONFORMING TO
 CONST. RECORDS
 DONE BY: *SJB*
 DATE: 4-19-05

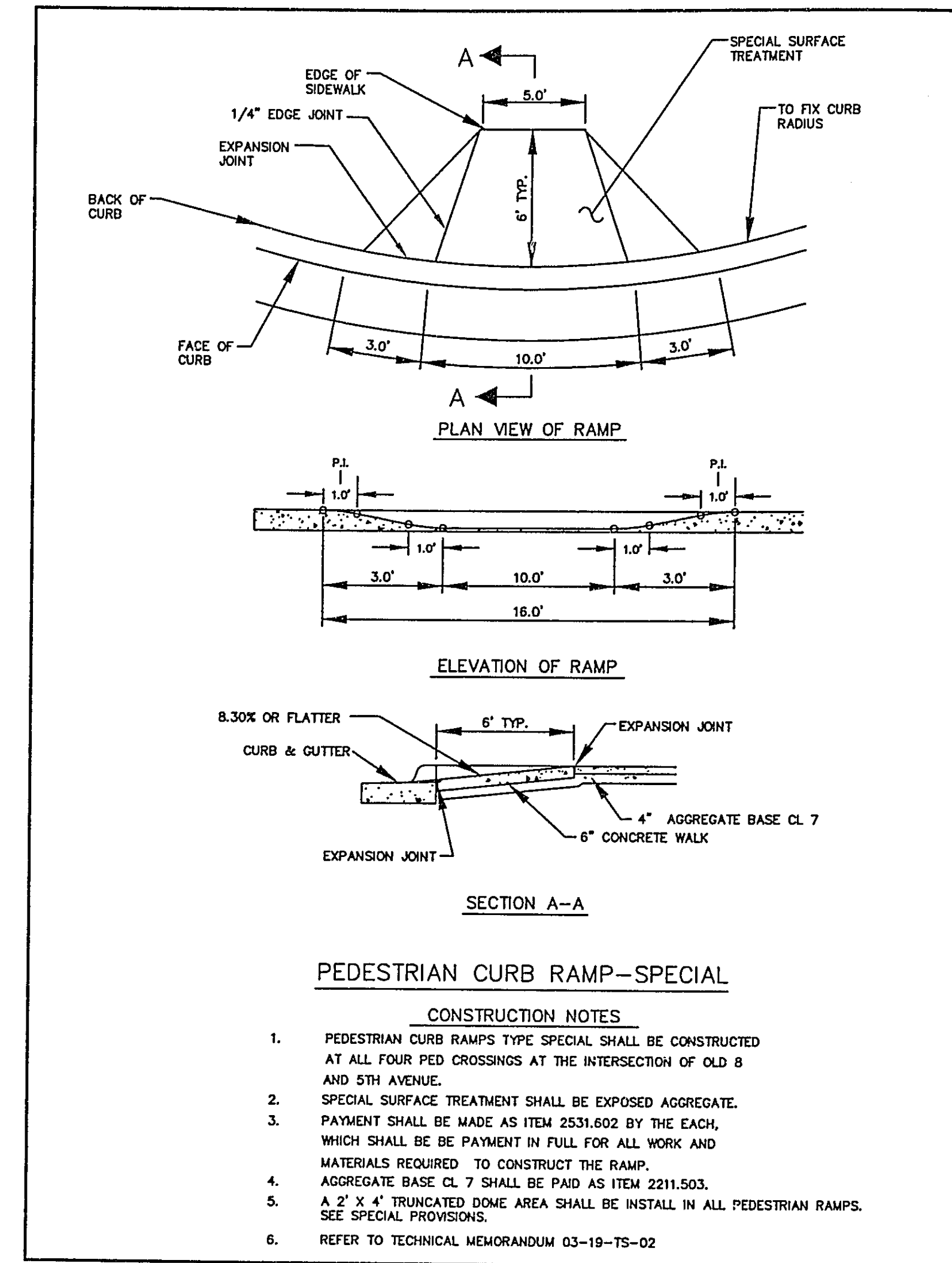
CHARTS, INDEX, EXISTING & PROPOSED STRUCTURES

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 S.A.P. No. 062-677-023
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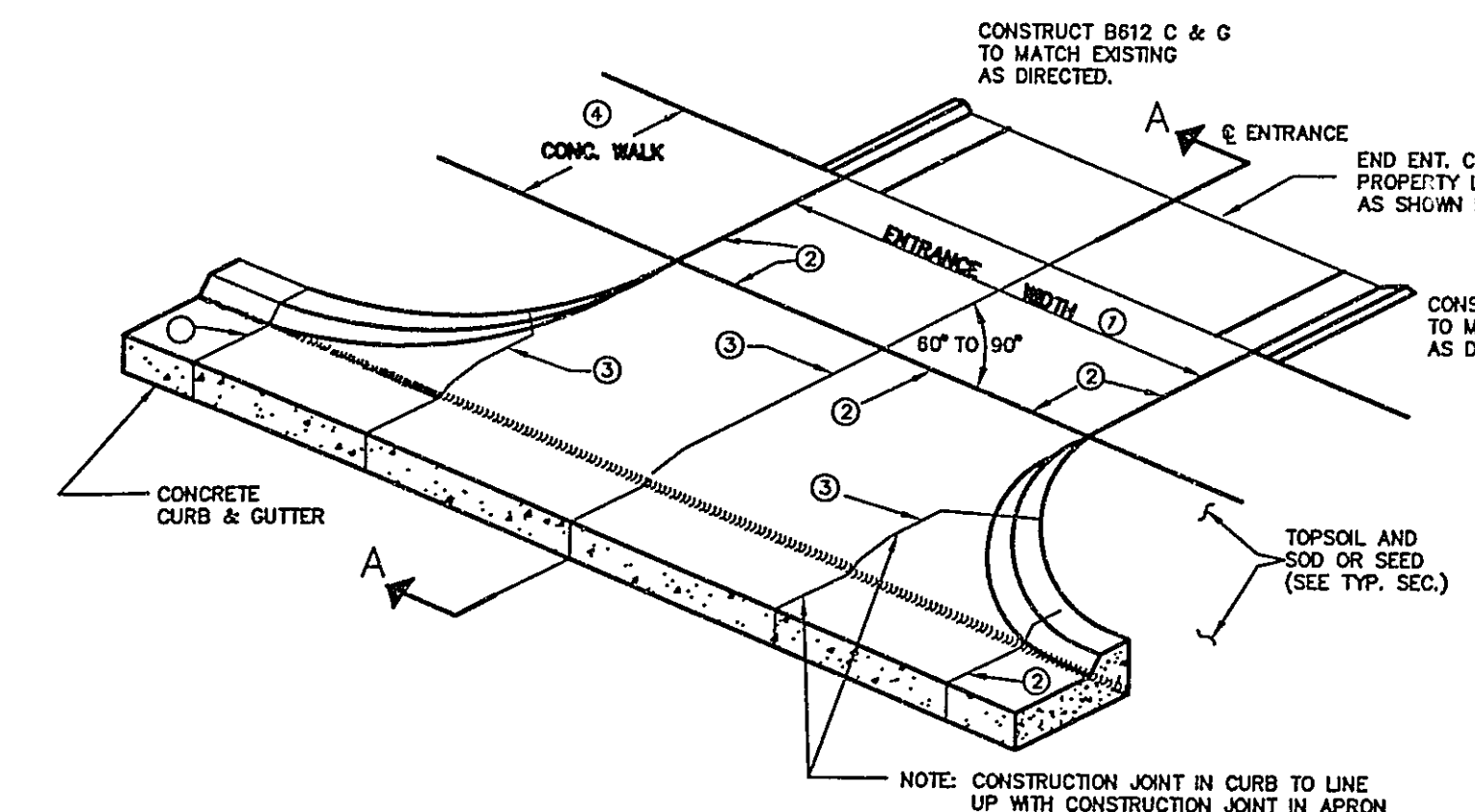
CHART G

CHART INDEX	
A	MISCELLANEOUS REMOVAL AND SAWING
B	CONSTRUCT CURBS AND MISC.
C	AGGREGATE AND BITUMINOUS SUMMARY
D	EARTHWORK SUMMARY
E	EXISTING STRUCTURES CHART
F	PROPOSED DRAINAGE CHART
G	CHART INDEX
H	REMOVE & SALVAGE LIGHT POLES
I	SILT FENCE & BIOROLL (EROSION CONTROL)
J	STRIPING TABULATION
K	SIGN PANELS TYPE C
L	TYPE D SIGNS - SIGNALS
M	LANDSCAPE BED PREPARATION

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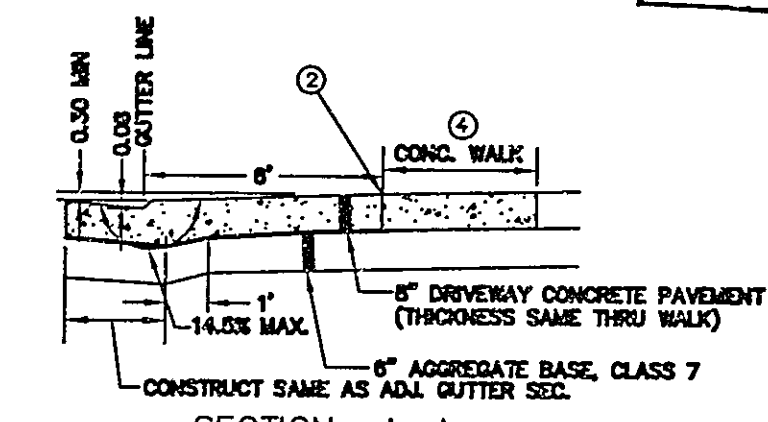


CONCRETE COMMERCIAL ENTRANCE DETAIL



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 DONE BY: *SJB*
 DATE: 4-19-05

- ENTRANCE WIDTHS
 RESIDENTIAL - 12\"/>



SECTION A-A

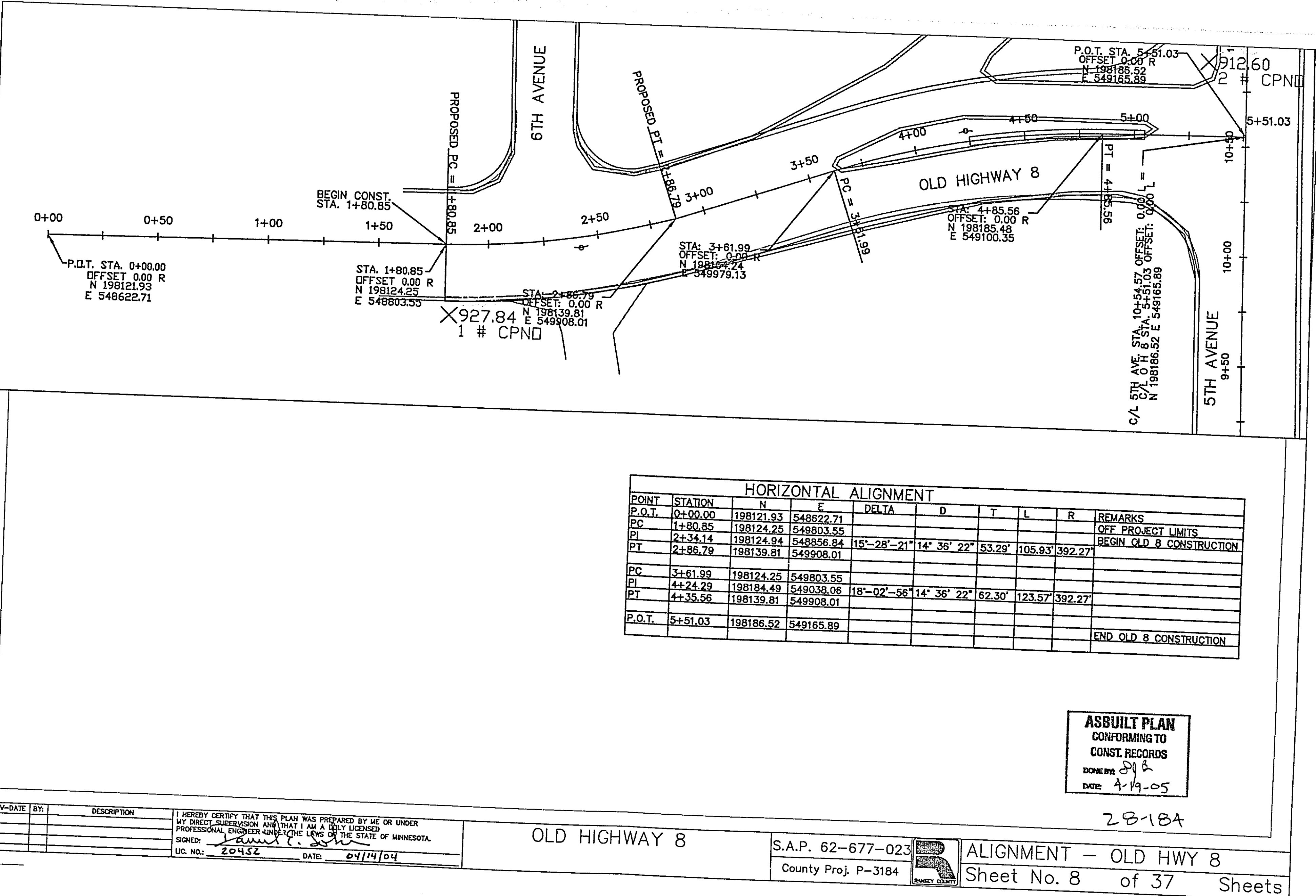
PEDESTRIAN CURB RAMP-SPECIAL

- PEDESTRIAN CURB RAMP TYPE SPECIAL SHALL BE CONSTRUCTED AT ALL FOUR PED CROSSINGS AT THE INTERSECTION OF OLD 8 AND 5TH AVENUE.
- SPECIAL SURFACE TREATMENT SHALL BE EXPOSED AGGREGATE.
- PAYMENT SHALL BE MADE AS ITEM 2531.602 BY THE EACH, WHICH SHALL BE IN PAYMENT IN FULL FOR ALL WORK AND MATERIALS REQUIRED TO CONSTRUCT THE RAMP.
- AGGREGATE BASE CL 7 SHALL BE PAID AS ITEM 2211.503.
- A 2' x 4' TRUNCATED DOME AREA SHALL BE INSTALLED IN ALL PEDESTRIAN RAMPS. SEE SPECIAL PROVISIONS.
- REFER TO TECHNICAL MEMORANDUM 03-18-TS-02

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.
Lawrence J. Smith
 Date 4/14/04 Reg. No. 20452

PEDESTRIAN CURB RAMP & CONCRETE ENTRANCE DETAILS

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 S.A.P. No. 062-677-023
 Sheet No. 6 of 37 Sheets



ASBUILT PLAN
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OLD HIGHWAY 8

S.A.P. 62-677-023
 County Proj. P-3184

ALIGNMENT - OLD HWY 8
 Sheet No. 8 of 37 Sheets

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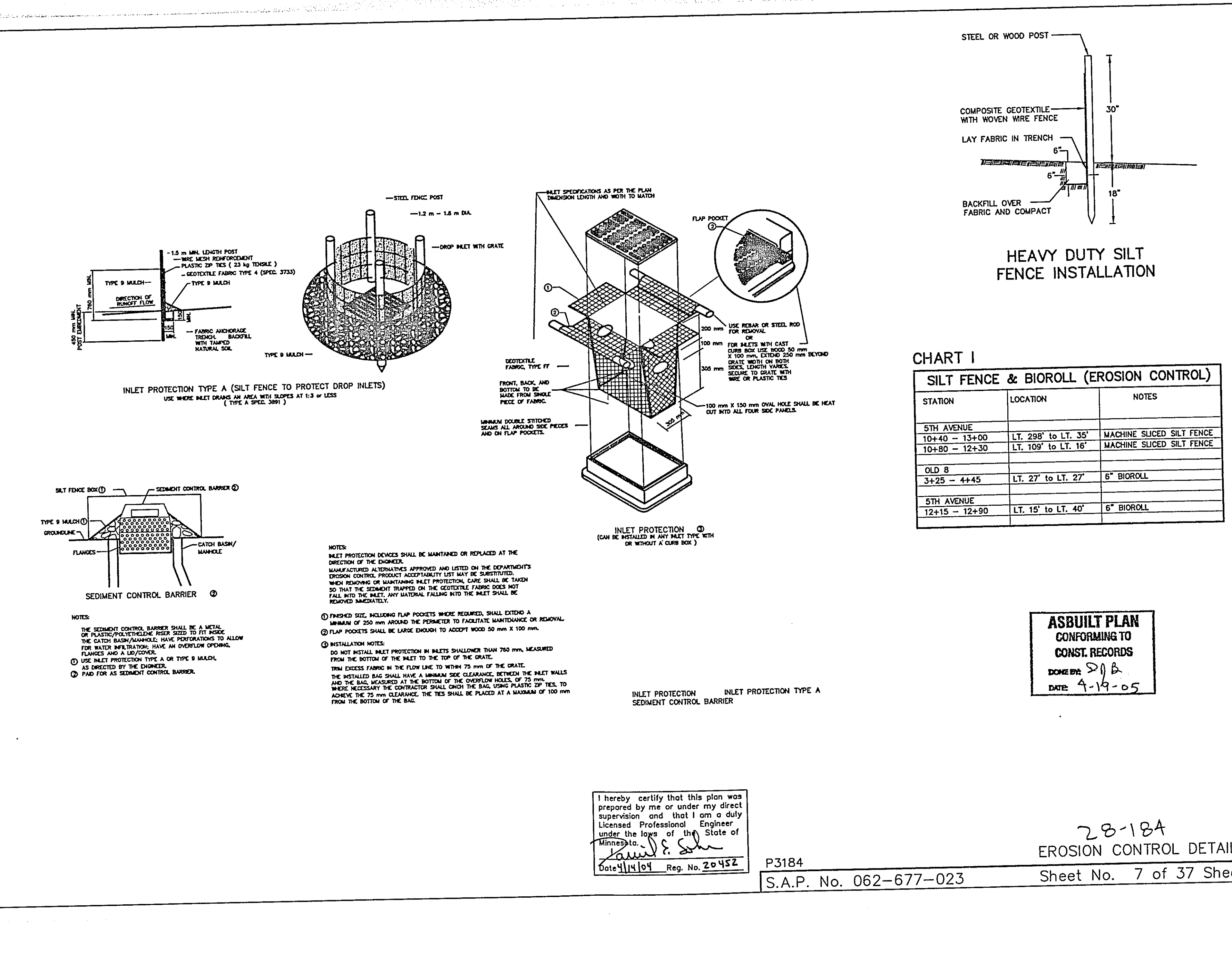


CHART I

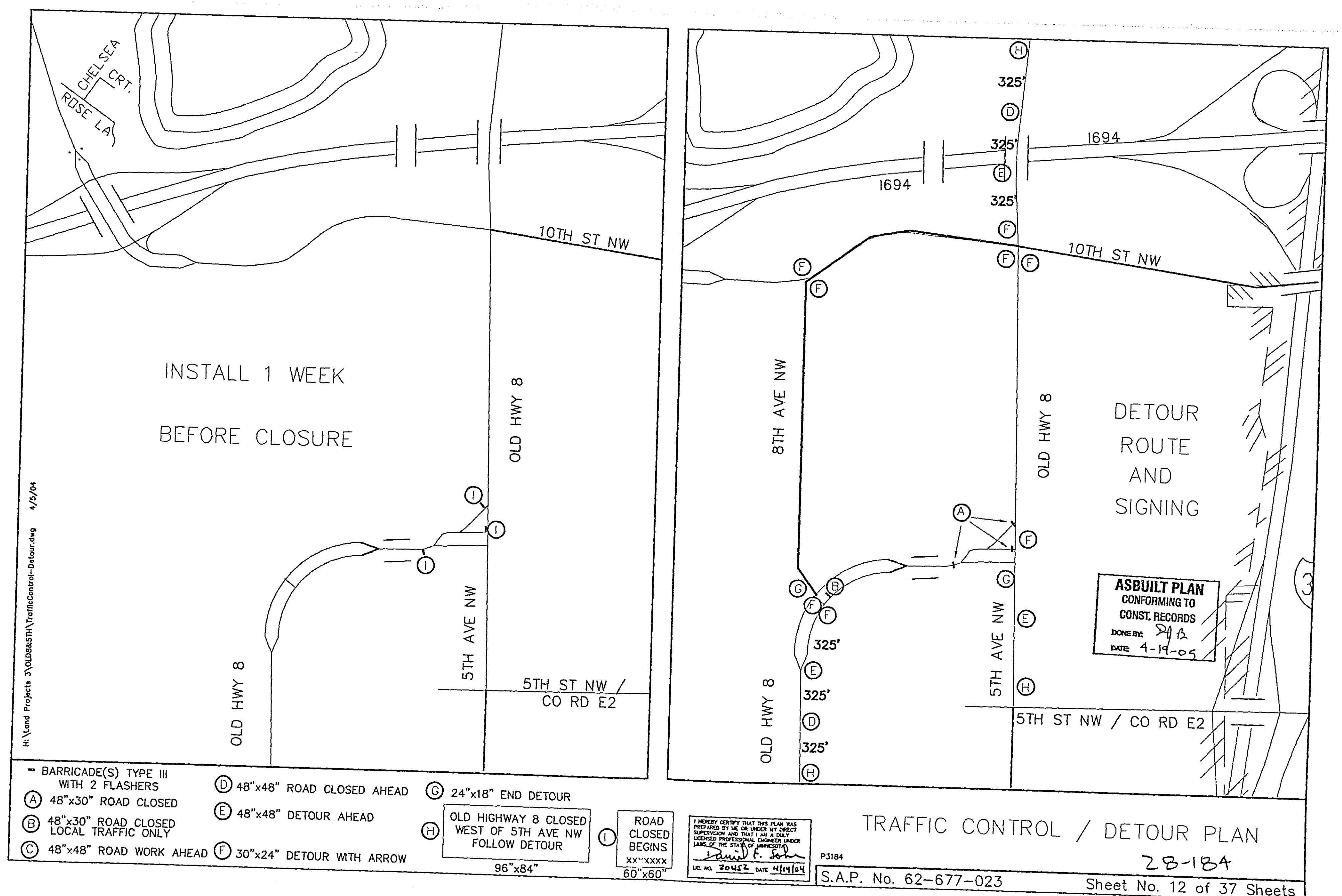
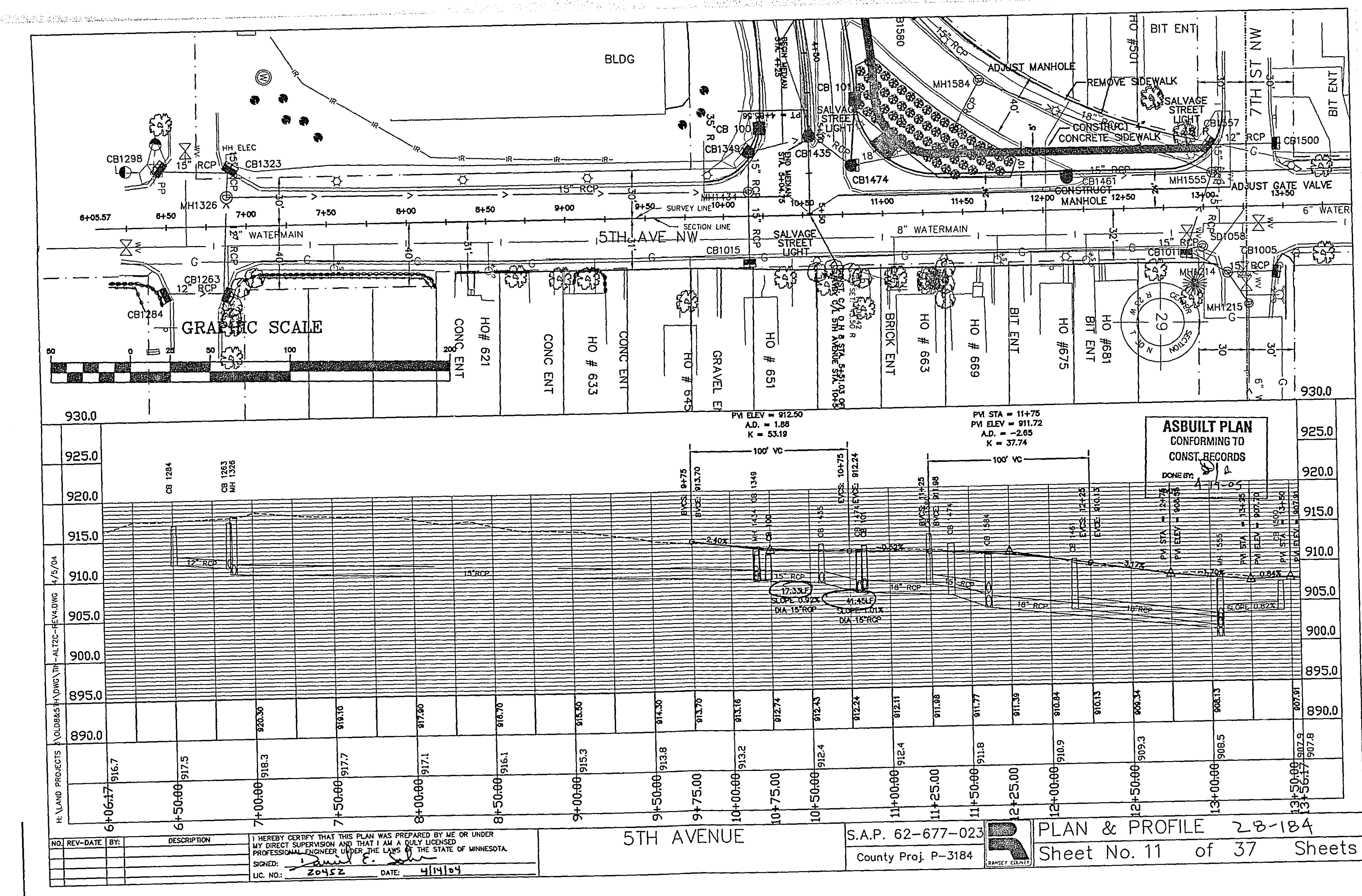
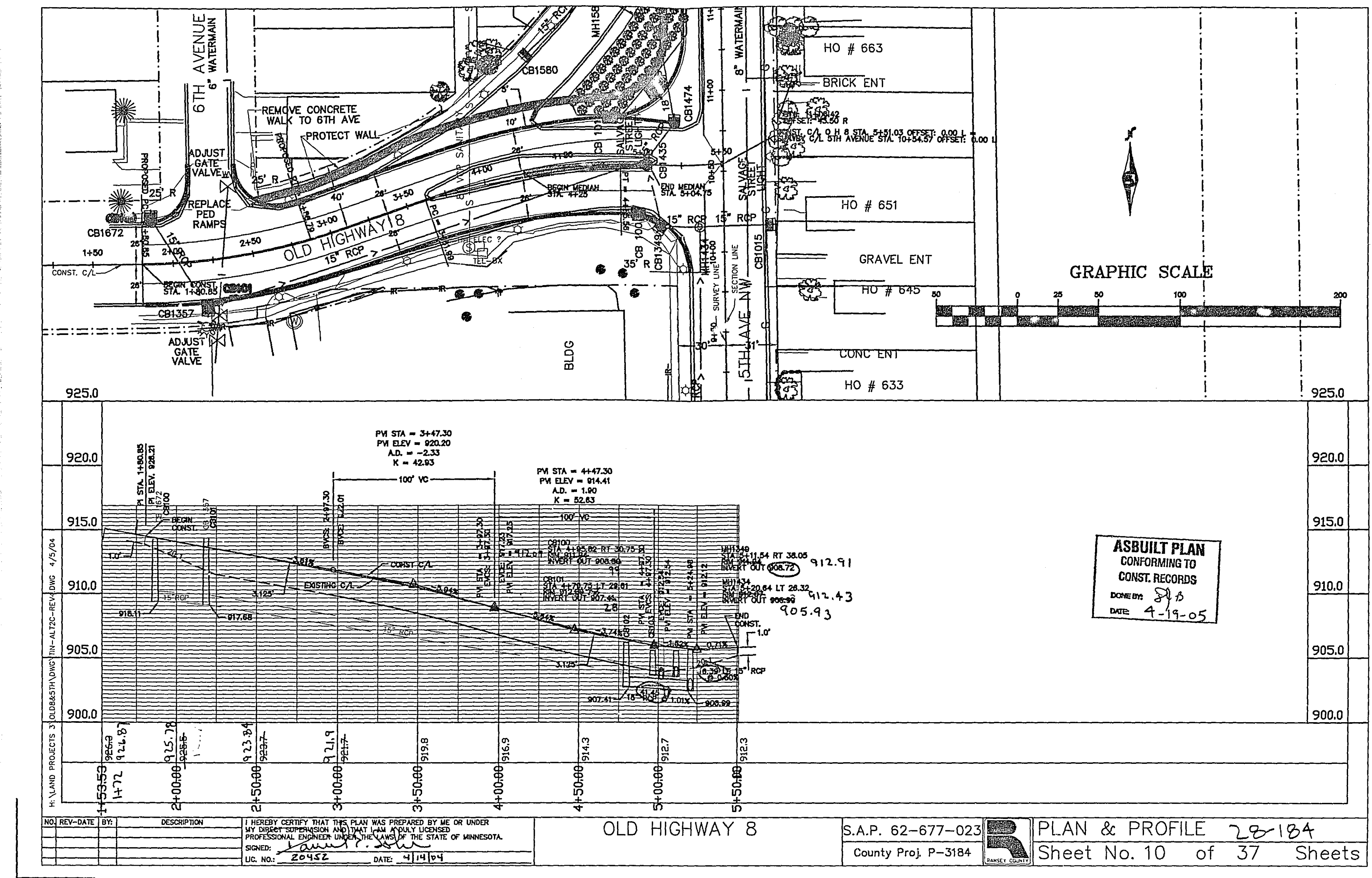
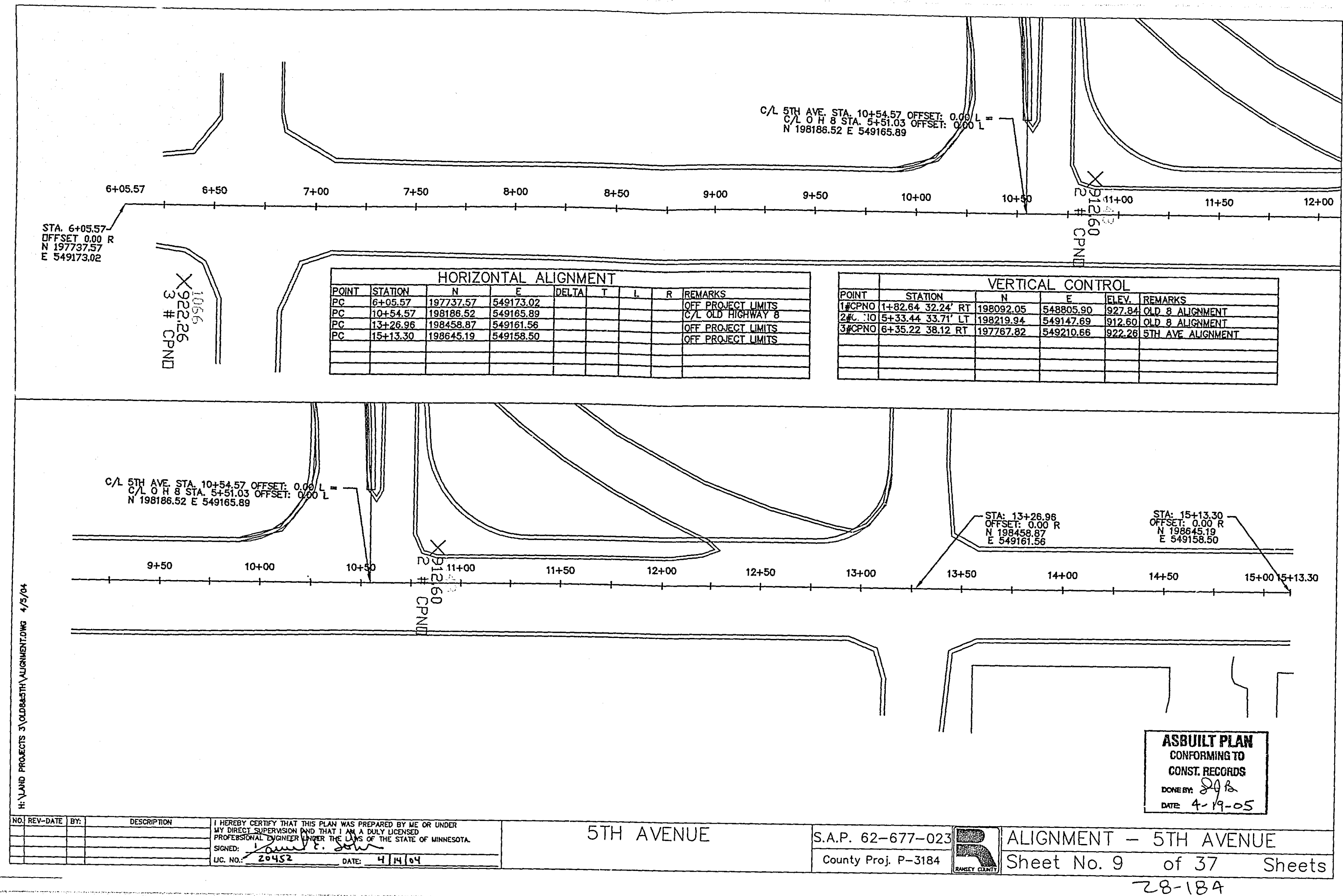
SILT FENCE & BIOROLL (EROSION CONTROL)		
STATION	LOCATION	NOTES
5TH AVENUE	10+40 - 12+30	LT. 288' to LT. 30'
	10+80 - 12+30	LT. 109' to LT. 18'
OLD 8	3+25 - 4+45	LT. 27' to LT. 27'
5TH AVENUE	12+15 - 12+50	LT. 15' to LT. 40'

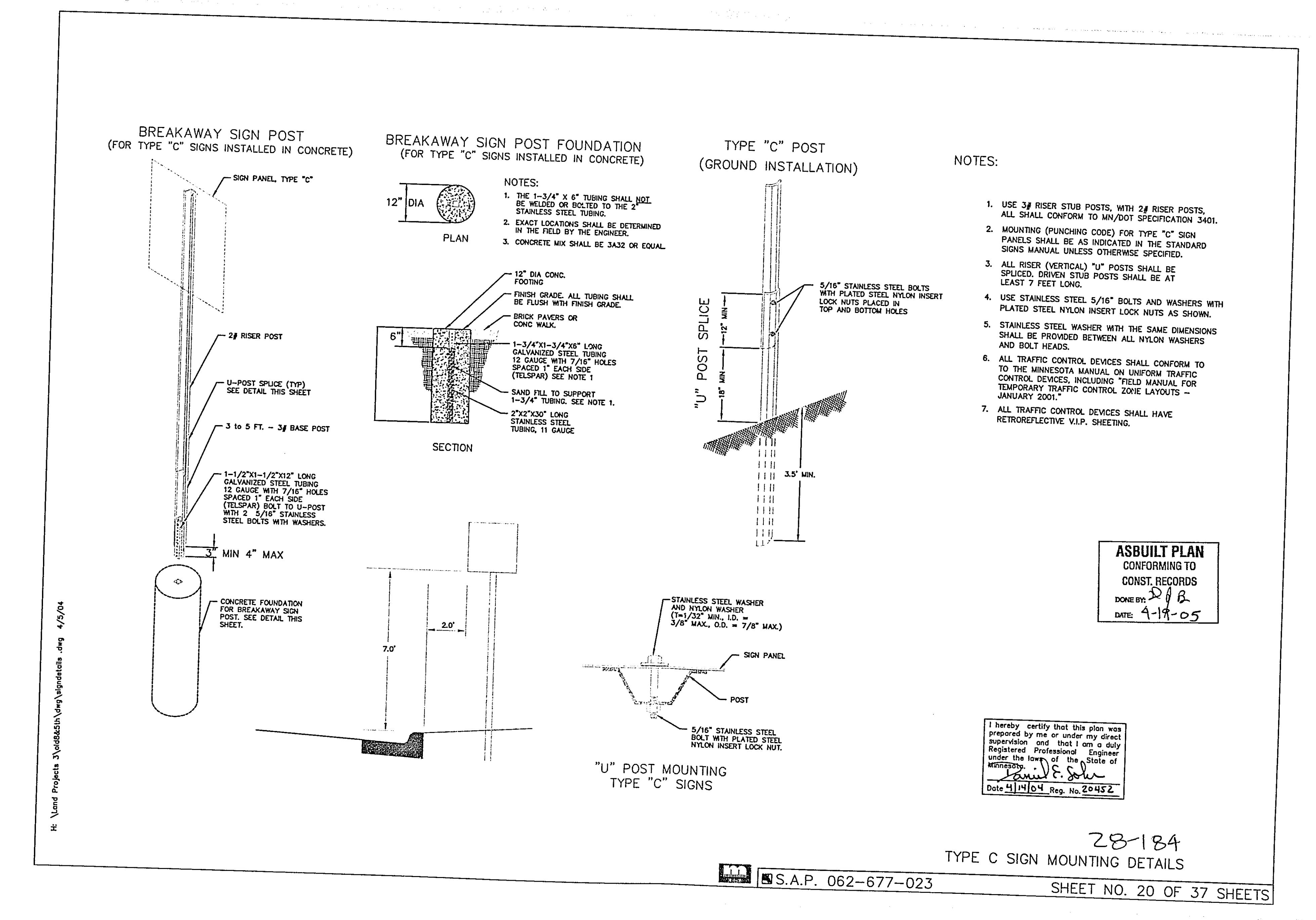
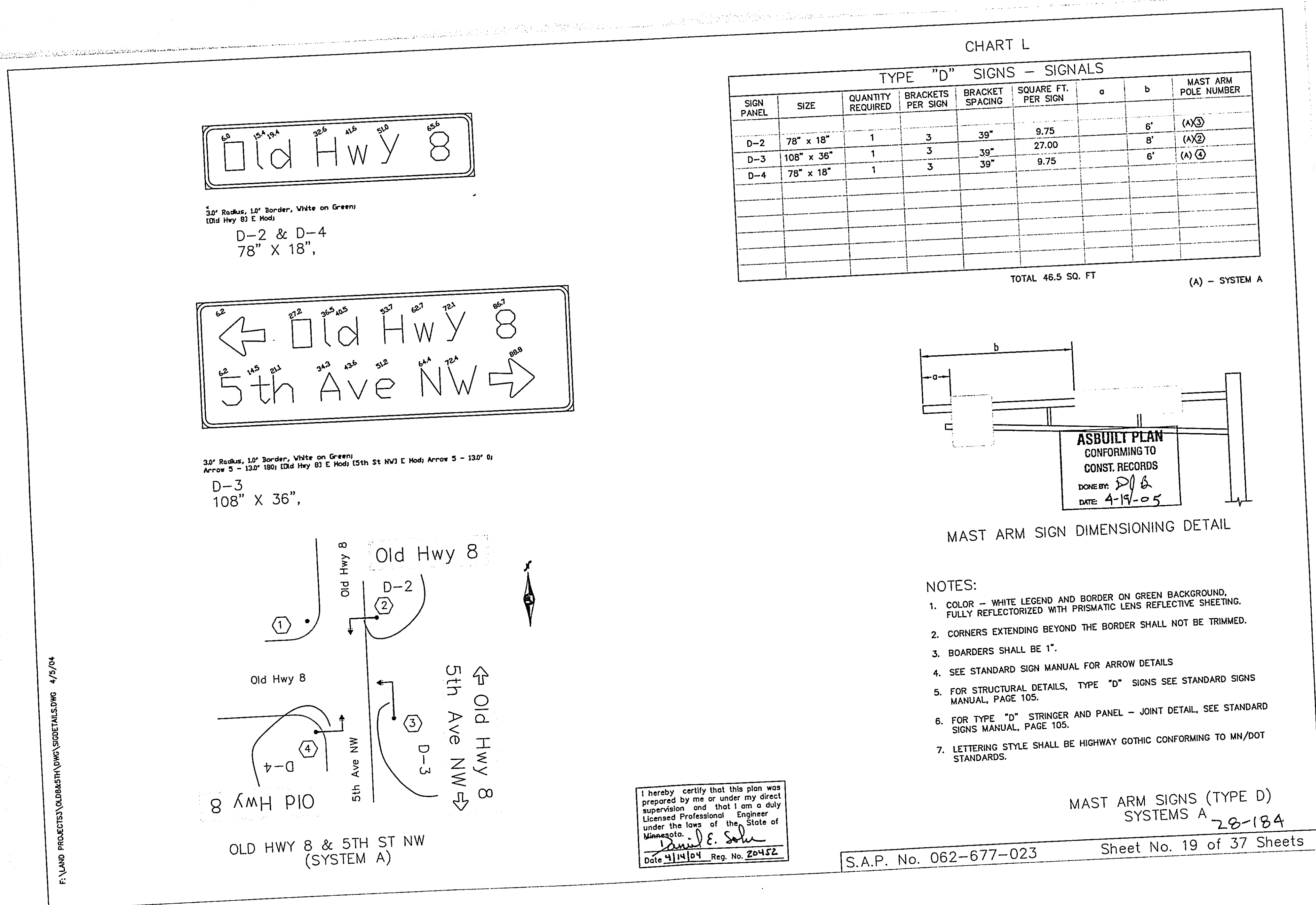
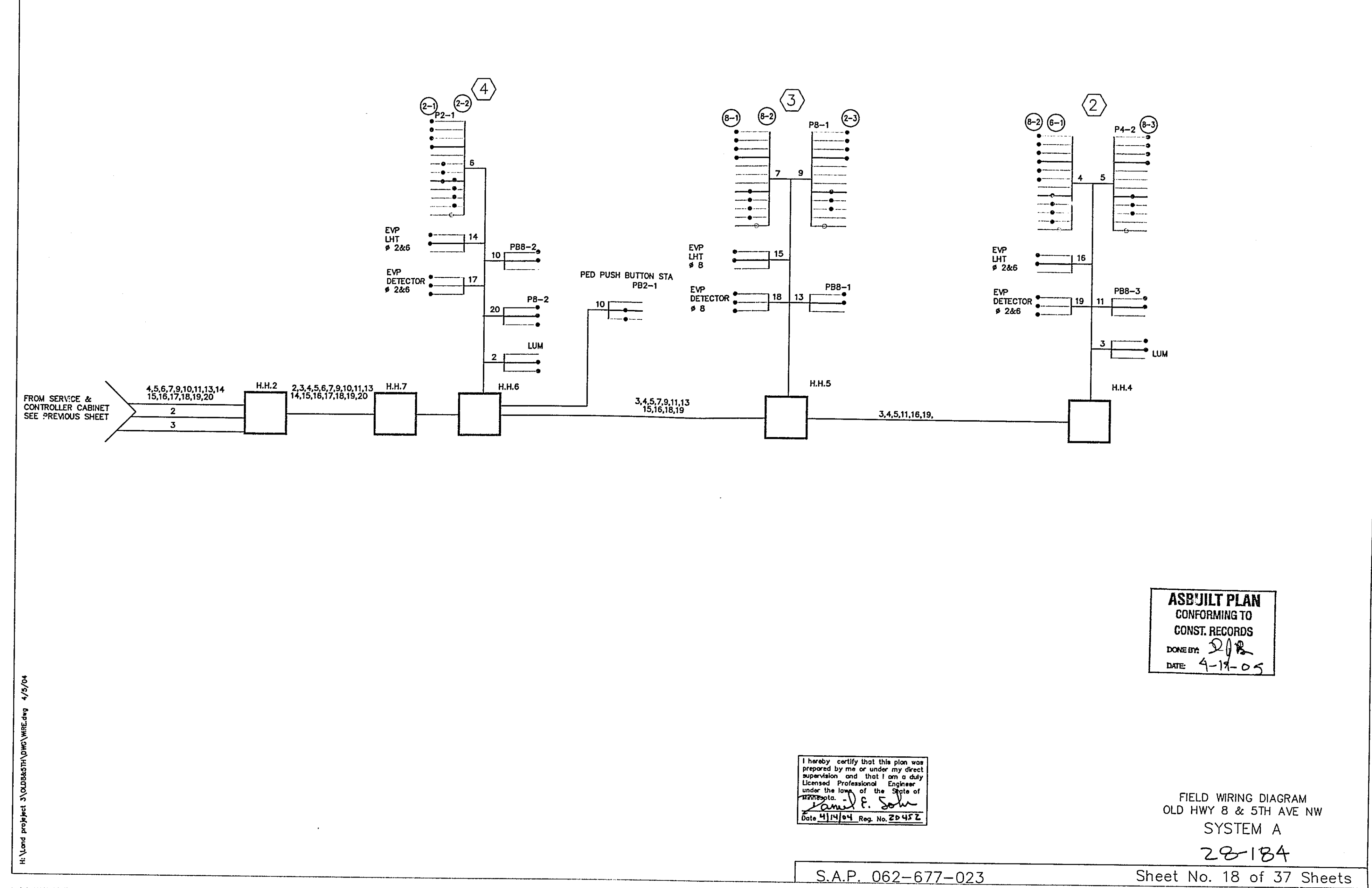
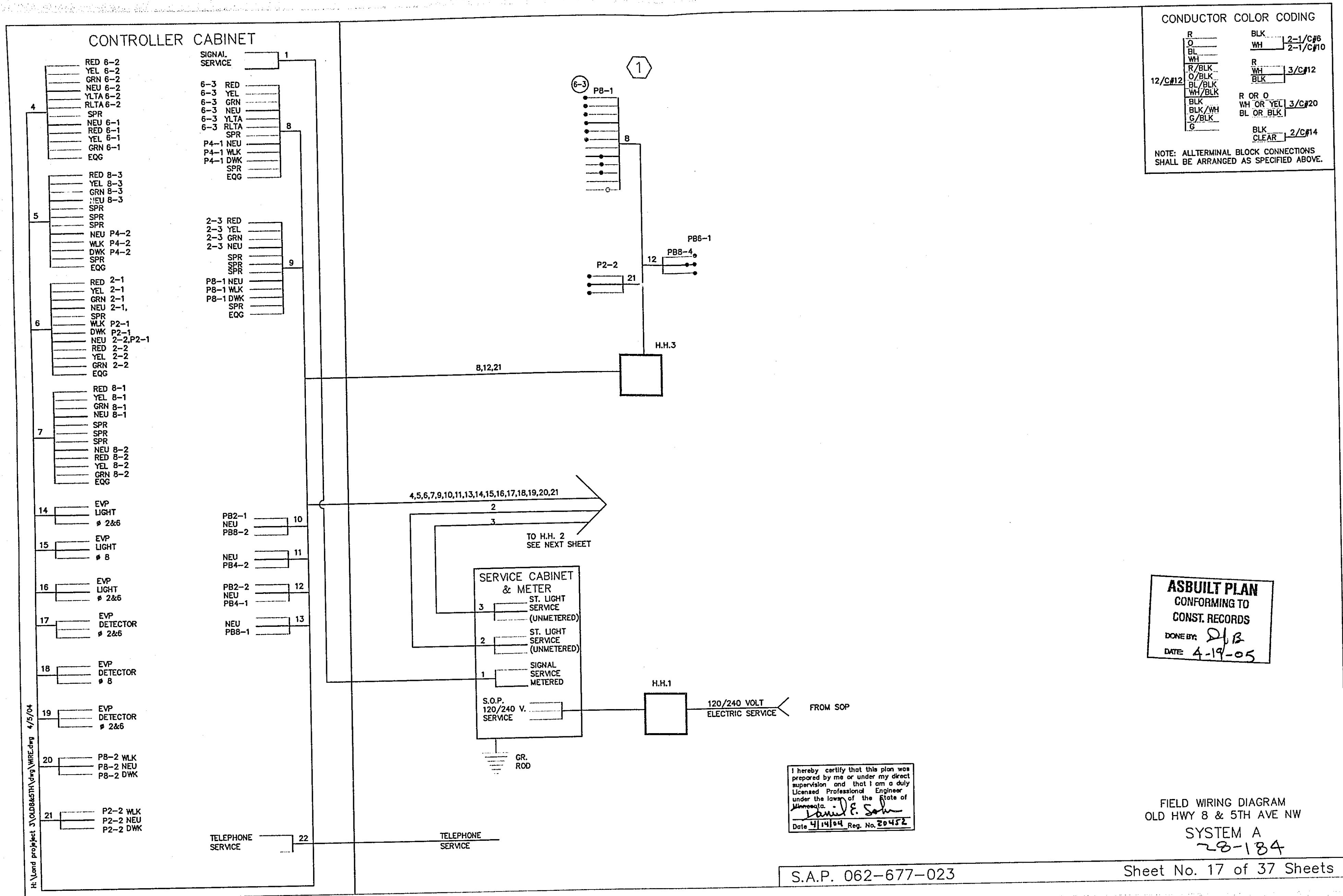
ASBUILT PLAN
 CONFORMING TO
 CONST. RECORDS
 DONE BY: *SJB*
 DATE: 4-19-05

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.
Lawrence J. Smith
 Date 4/14/04 Reg. No. 20452

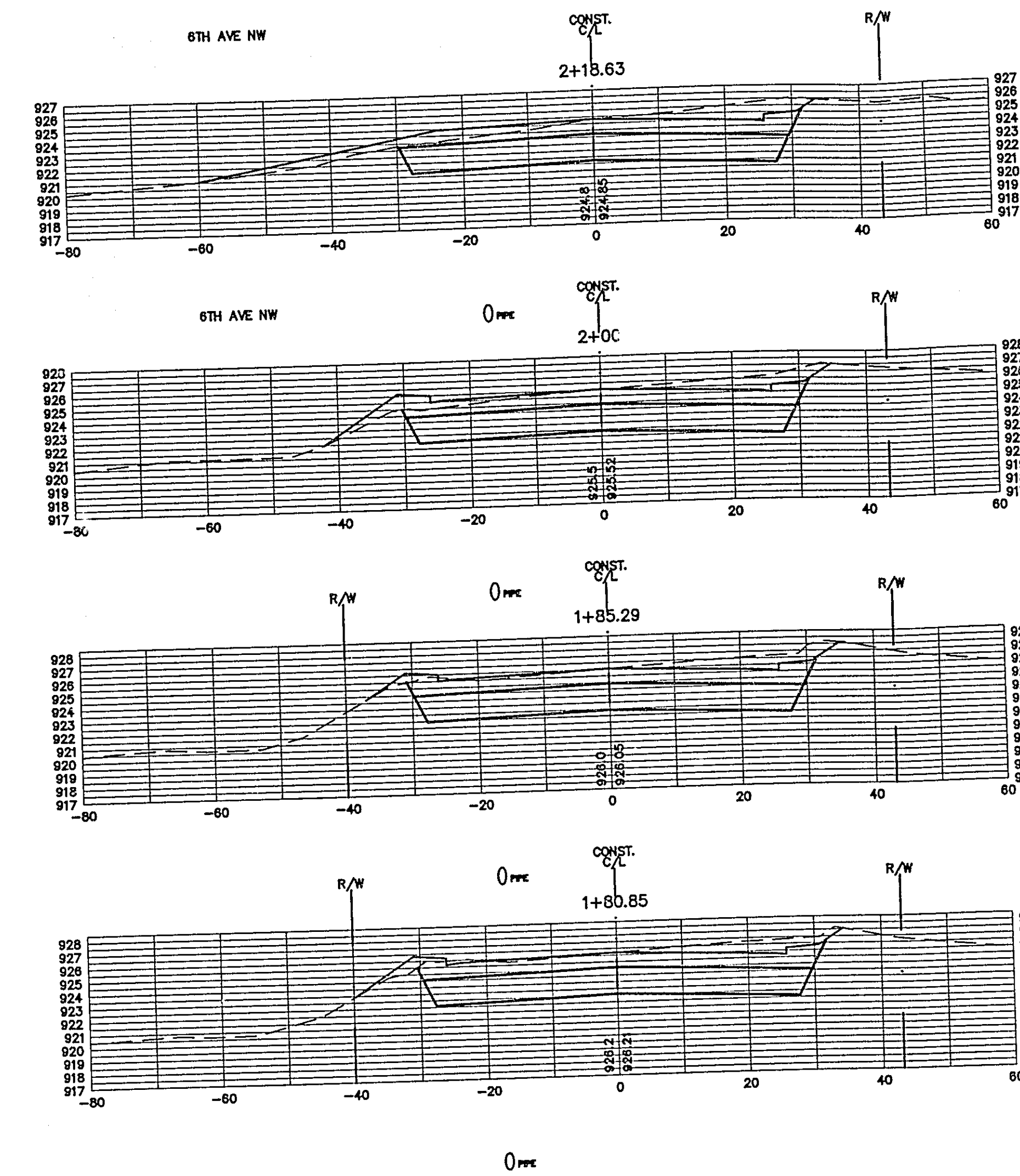
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 S.A.P. No. 062-677-023
 Sheet No. 7 of 37 Sheets

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RELAND PROJECTS 3 VOLUBASTH/WH-ALTOC-RECORDS 4/19/04



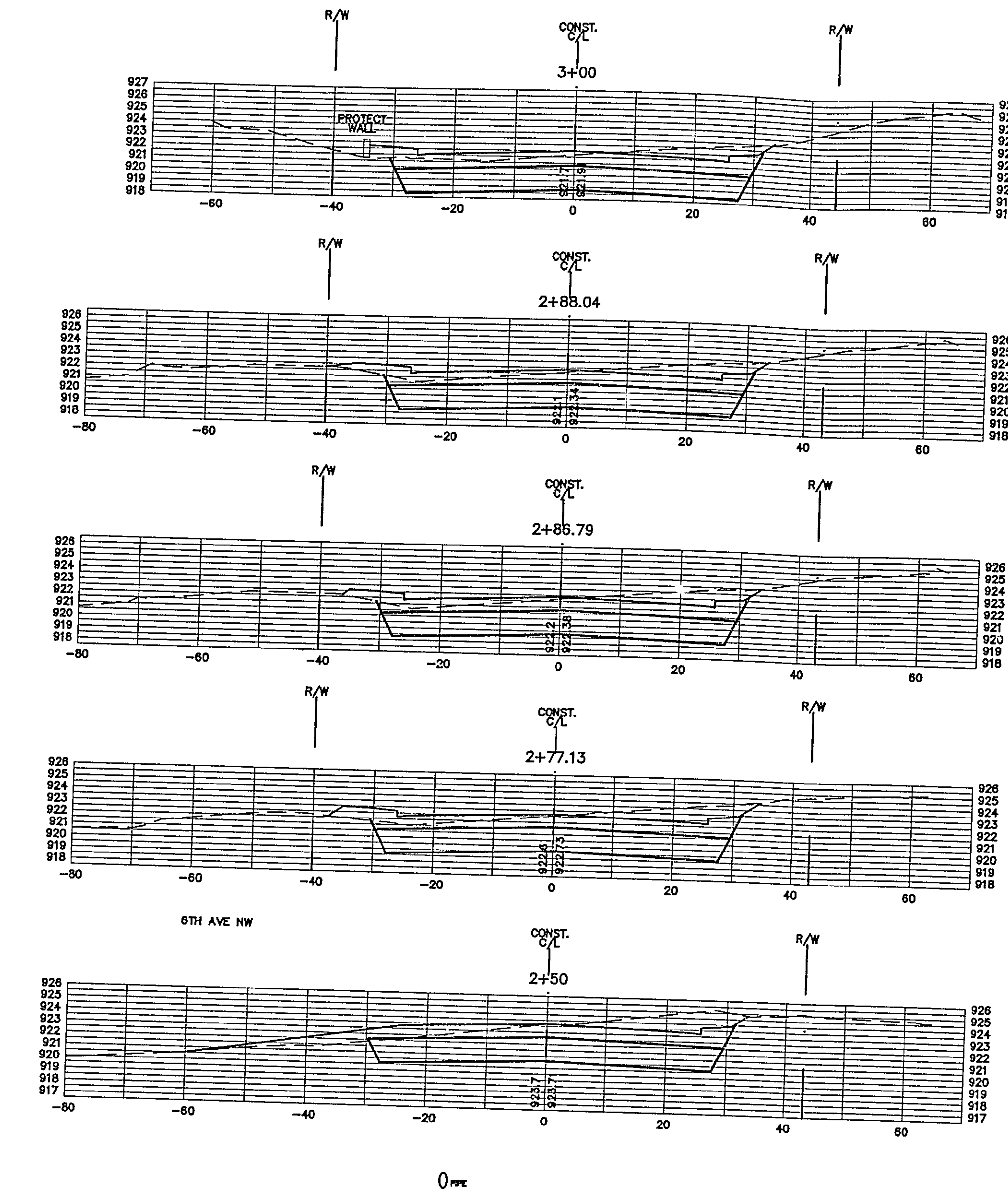
ASBUILT PLAN
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CONST. RECORDS
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DATE: 4-19-05

28-184
OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023

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RELAND PROJECTS 3 VOLUBASTH/WH-ALTOC-RECORDS 4/19/04



ASBUILT PLAN
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DATE: 4-19-05

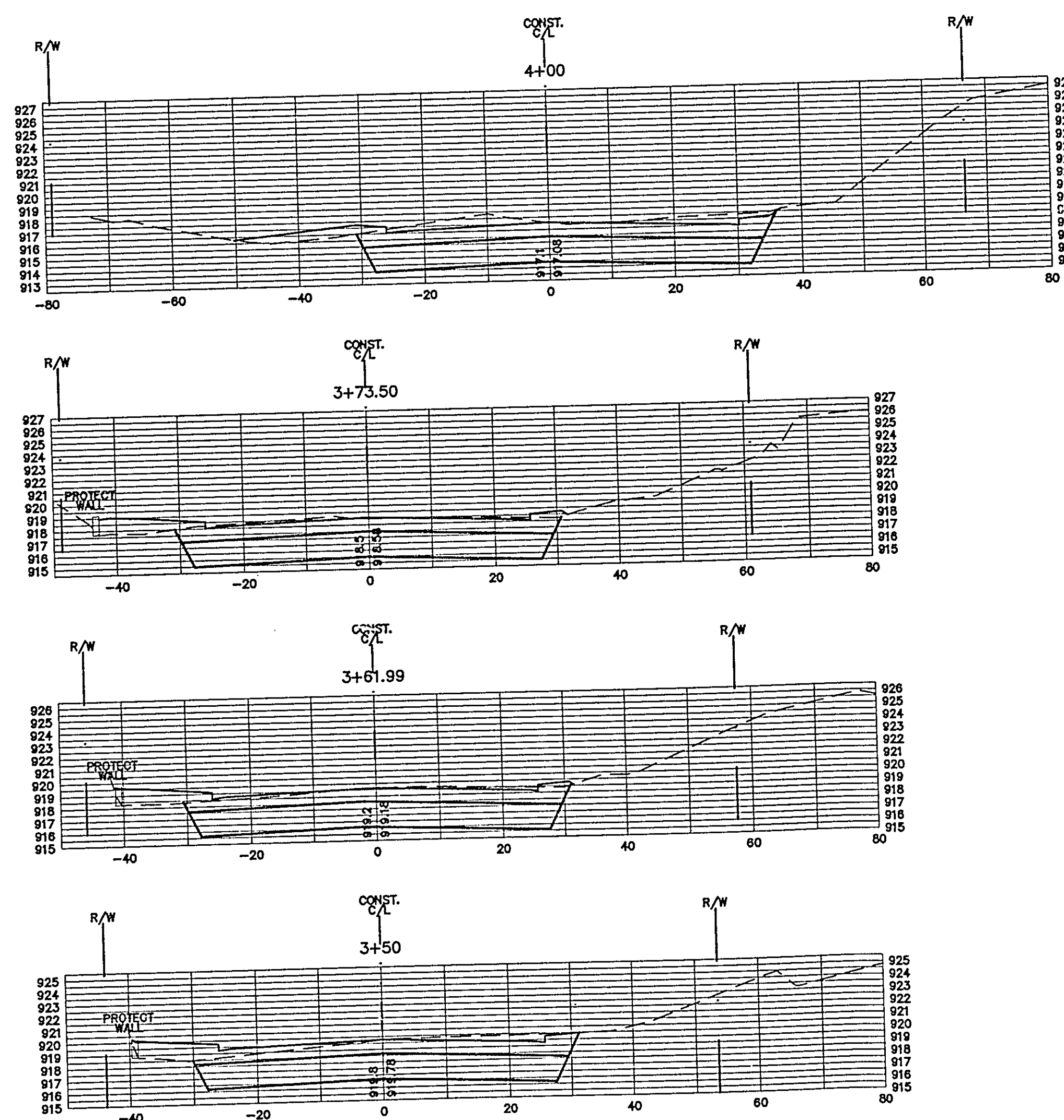
28-184

OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023

Sheet 22 of 37 Sheets

RELAND PROJECTS 3 VOLUBASTH/WH-ALTOC-RECORDS 4/19/04



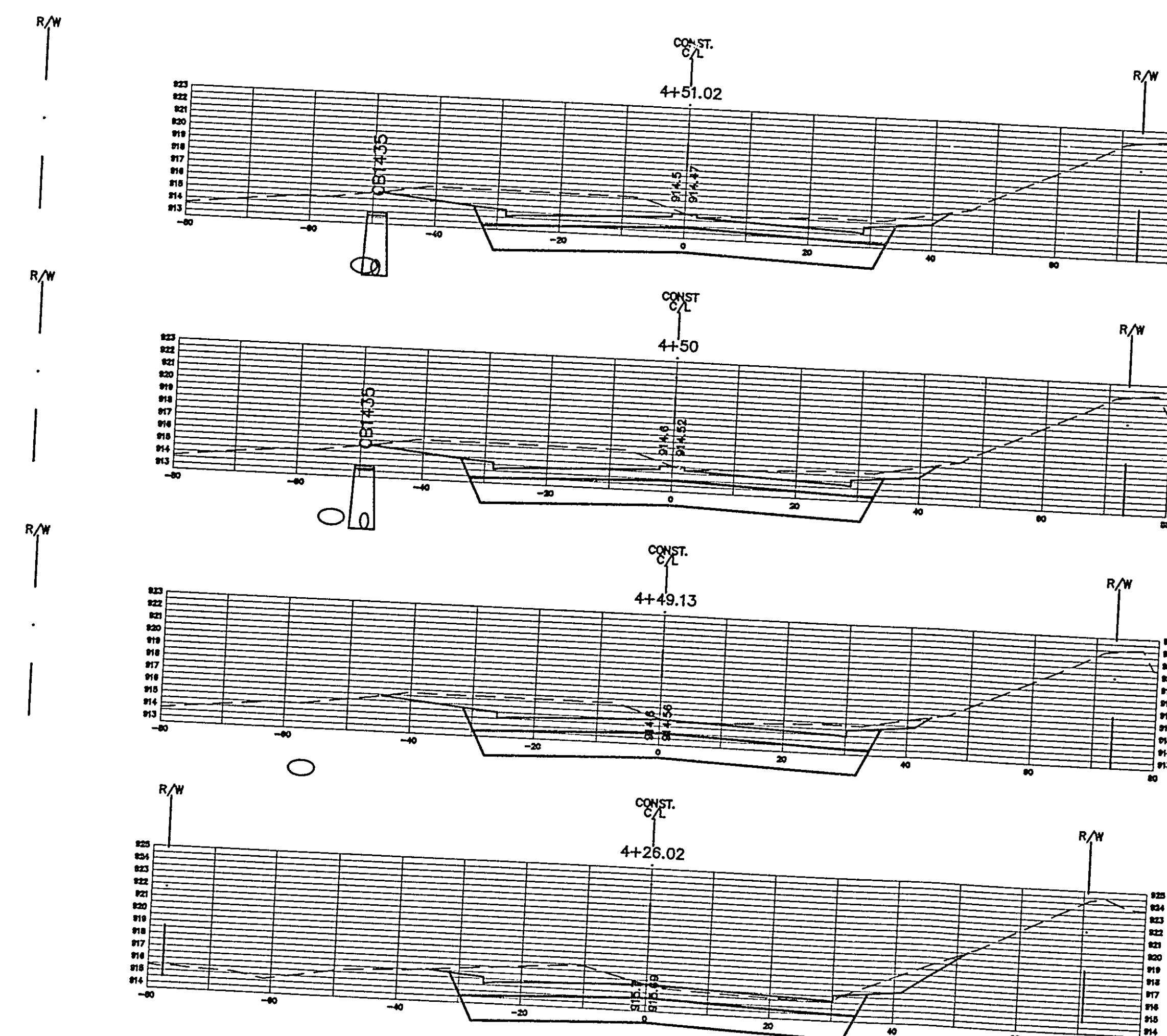
ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: SJB
DATE: 4-19-05

28-184
OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023

Sheet 23 of 37 Sheets

RELAND PROJECTS 3 VOLUBASTH/WH-ALTOC-RECORDS 4/19/04



ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: SJB
DATE: 4-19-05

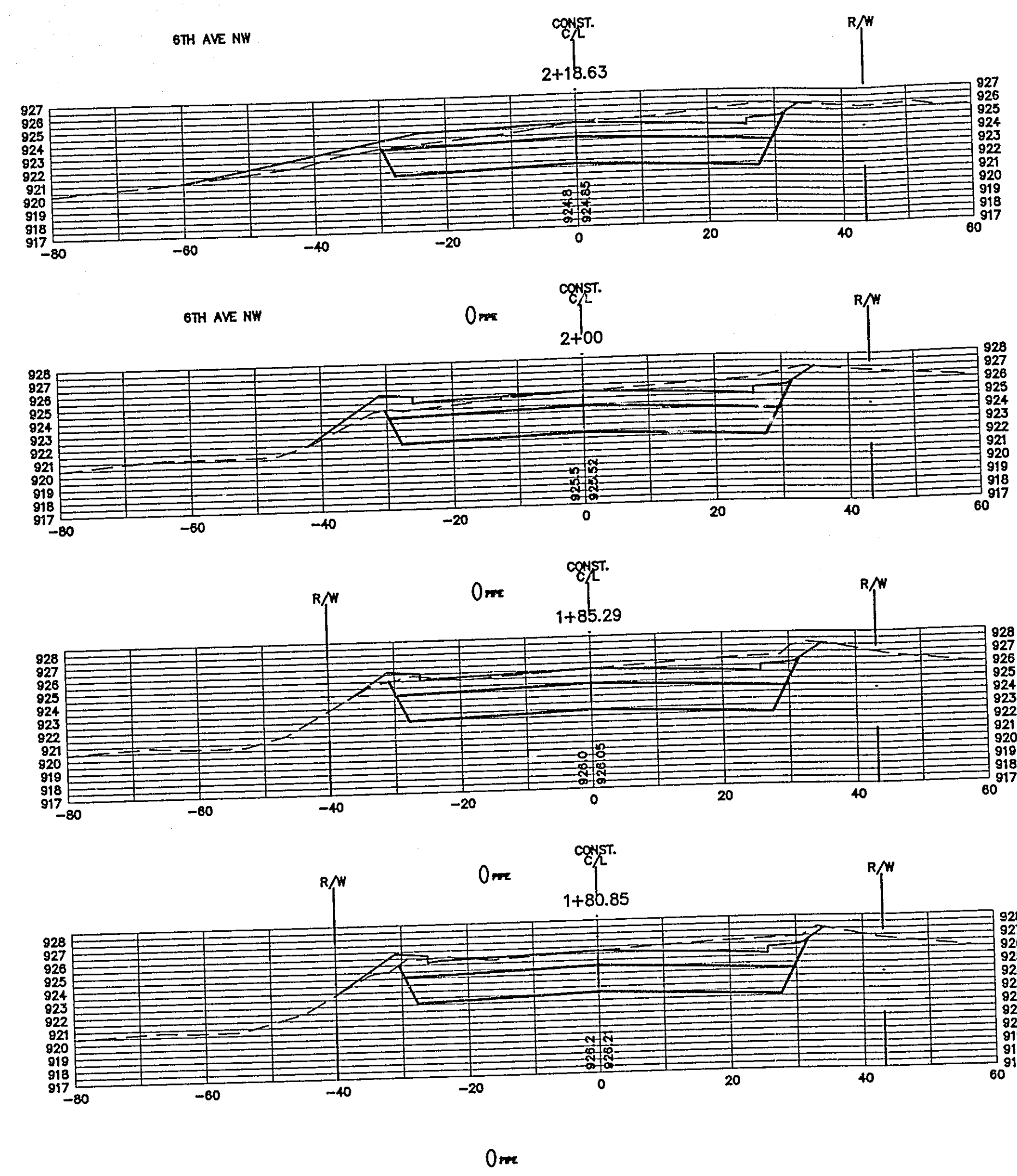
28-184

OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023

Sheet 24 of 37 Sheets

H:\LAND PROJECTS\3\ALBANY\DWG\11N-ALTC-REVING 4/9/04



EXCAVATION
CU. YDS.

237.55 ft2

32.48 CY

140.09 CY

14.19 CY

114.42 CY

5.33 CY

34.62 CY

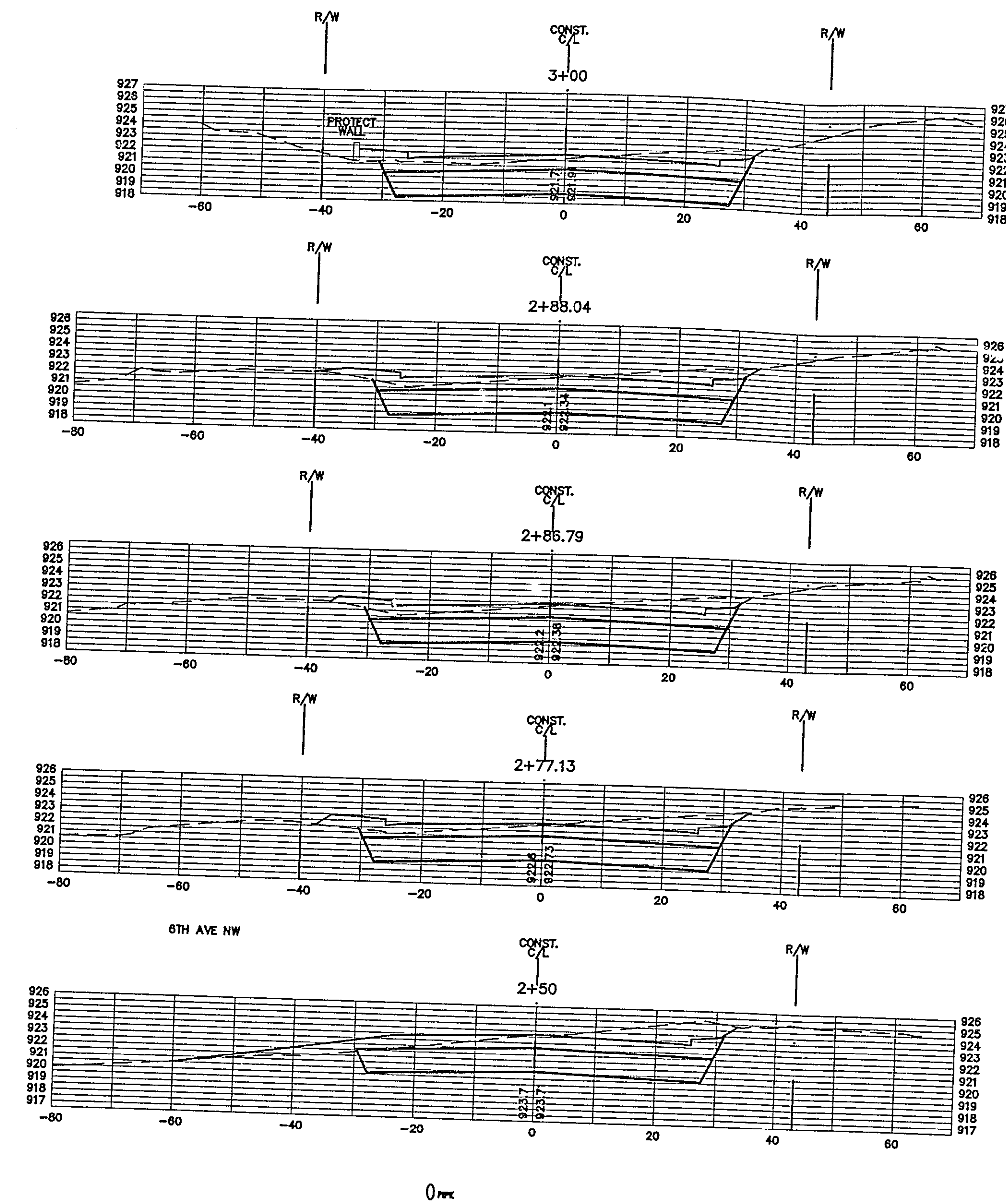
0.72 CY

ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *SPB*
DATE: 4-19-05

28-184
OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023 Sheet 21 of 37 Sheets

H:\LAND PROJECTS\3\ALBANY\DWG\11N-ALTC-REVING 4/9/04



EXCAVATION
CU. YDS.

368.69 CY

28.55 CY

94.01 CY

5.10 ft2

9.65 CY

0.65 CY

74.79 CY

5.84 CY

210.87 CY

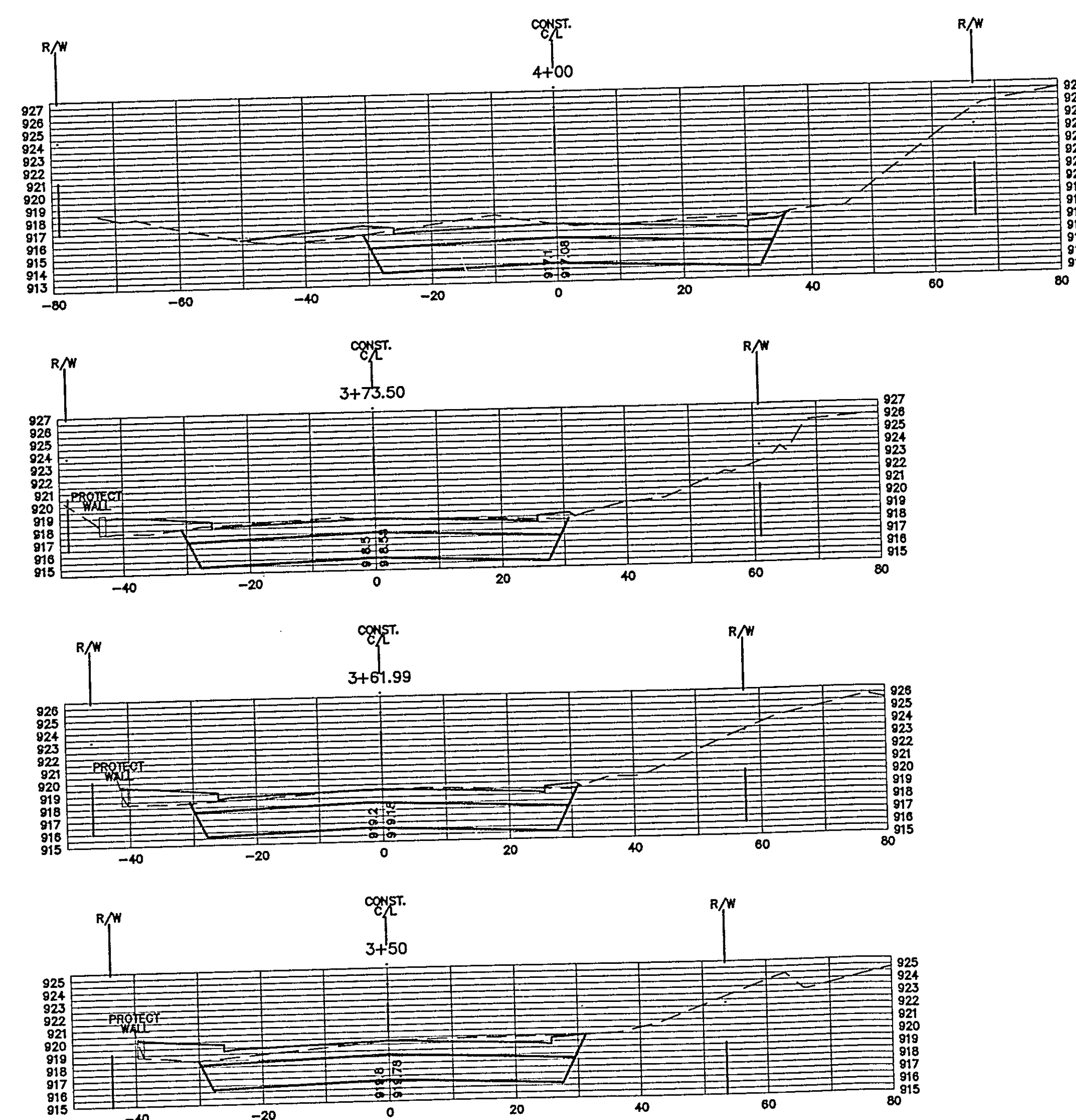
24.89 CY

ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *SPB*
DATE: 4-19-05

28-184
OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023 Sheet 22 of 37 Sheets

H:\LAND PROJECTS\3\ALBANY\DWG\11N-ALTC-REVING 4/9/04



EXCAVATION
CU. YDS.

209.84 CY

8.54 CY

213.33 CY

11.68CY

82.90 CY

5.46 CY

80.97 CY

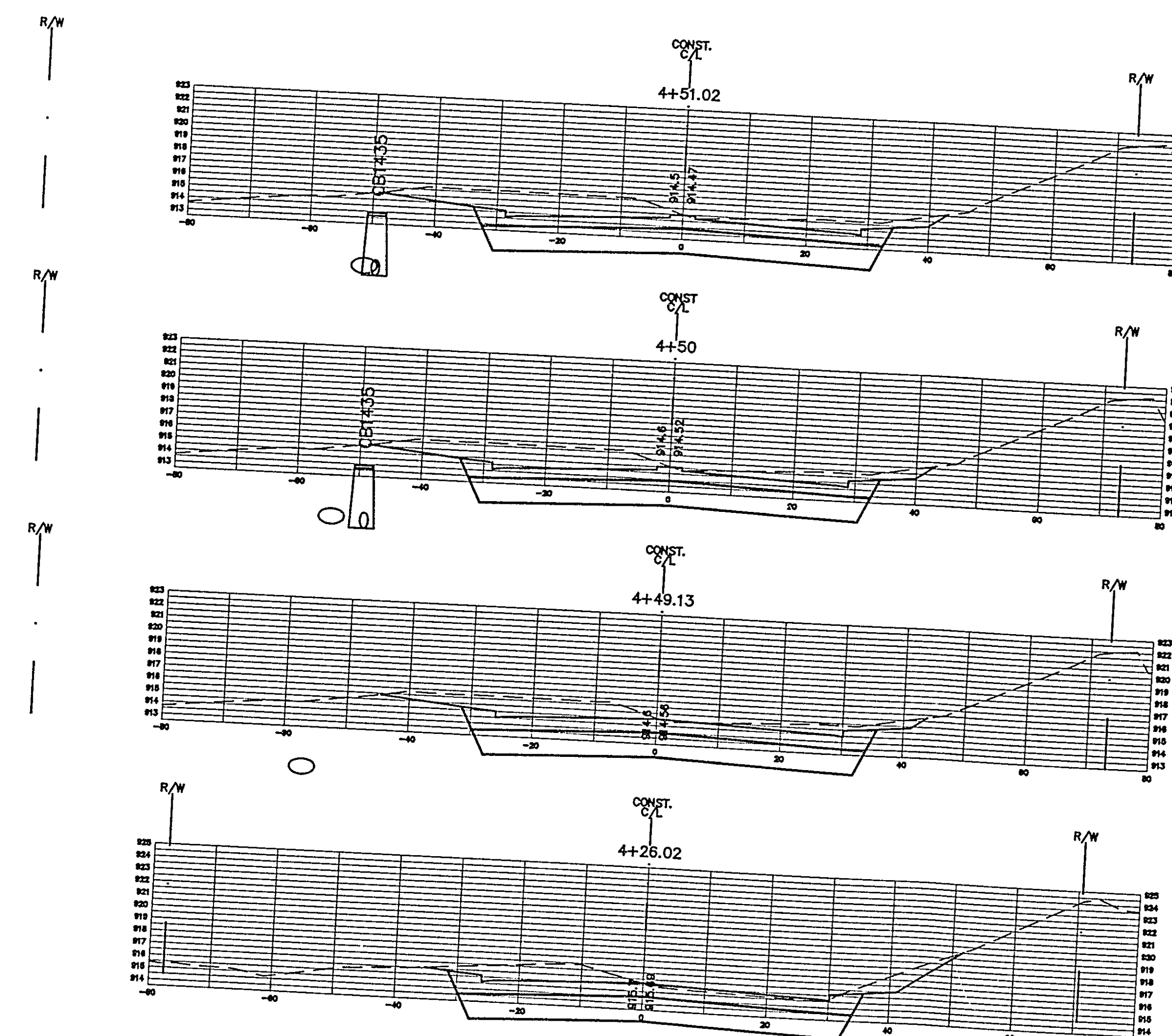
12.93 CY

ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *SPB*
DATE: 4-19-05

28-184
OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023 Sheet 23 of 37 Sheets

H:\LAND PROJECTS\3\ALBANY\DWG\11N-ALTC-REVING 4/9/04



EXCAVATION
CU. YDS.

10.42 CY

0.00 CY

8.43 CY

0.00 CY

209.10 CY

2.76 CY

16.62 CY

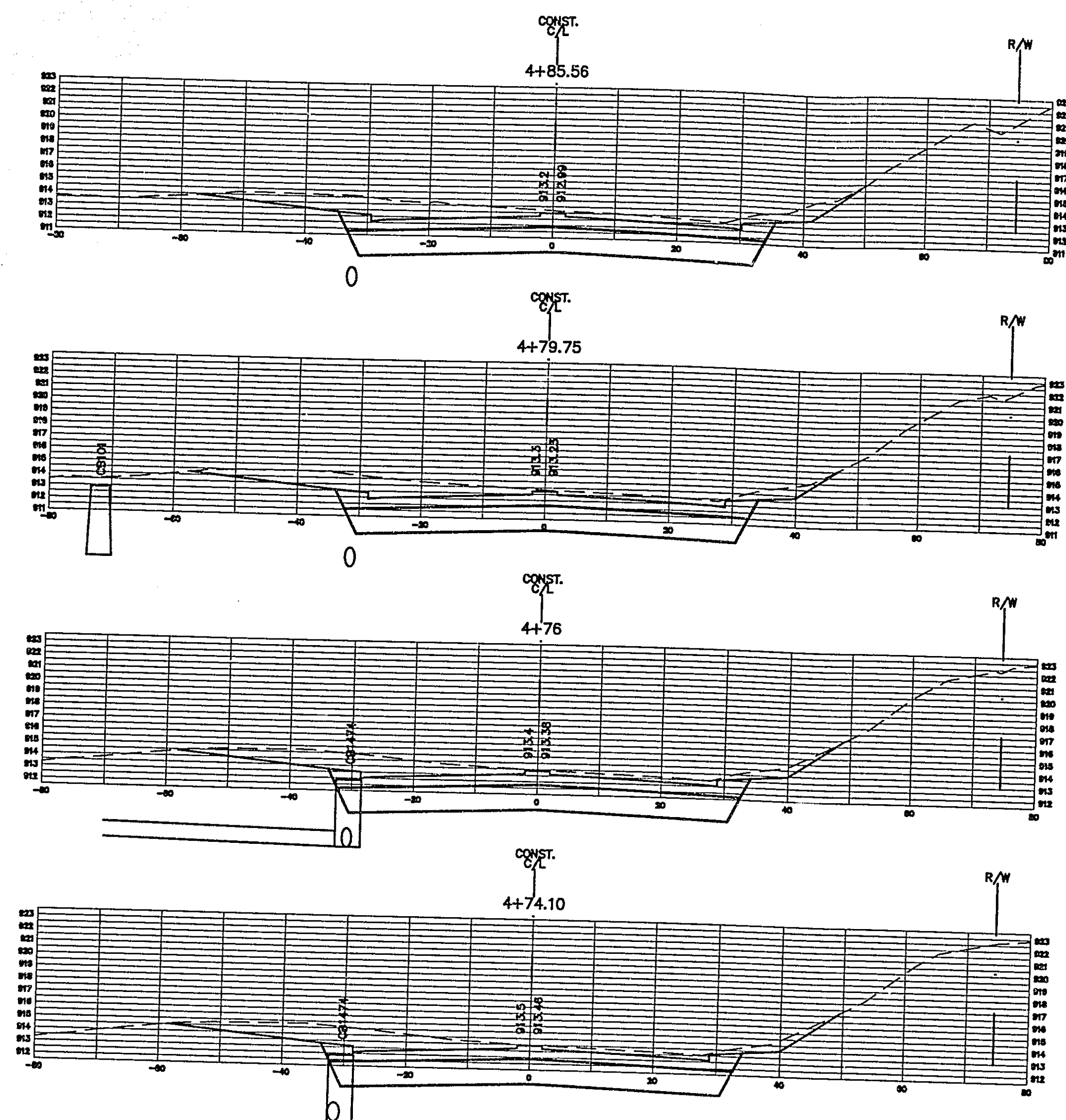
0.39 CY

ASBUILT PLAN
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CONST. RECORDS
DONE BY: *SPB*
DATE: 4-19-05

28-184
OLD HIGHWAY 8
CROSS SECTIONS

S.A.P. 62-677-023 Sheet 24 of 37 Sheets

H:\LAND PROJECTS\3\OLDHIGHWAY\DWG\IN-ALTC-REVING 4/9/04



EXCAVATION CU. YDS.	EMBANKMENT CU. YDS.
47.12 CY	0.00 CY
36.00 CY	0.00 CY
18.27 CY	0.00 CY
229.09 CY	0.00 CY

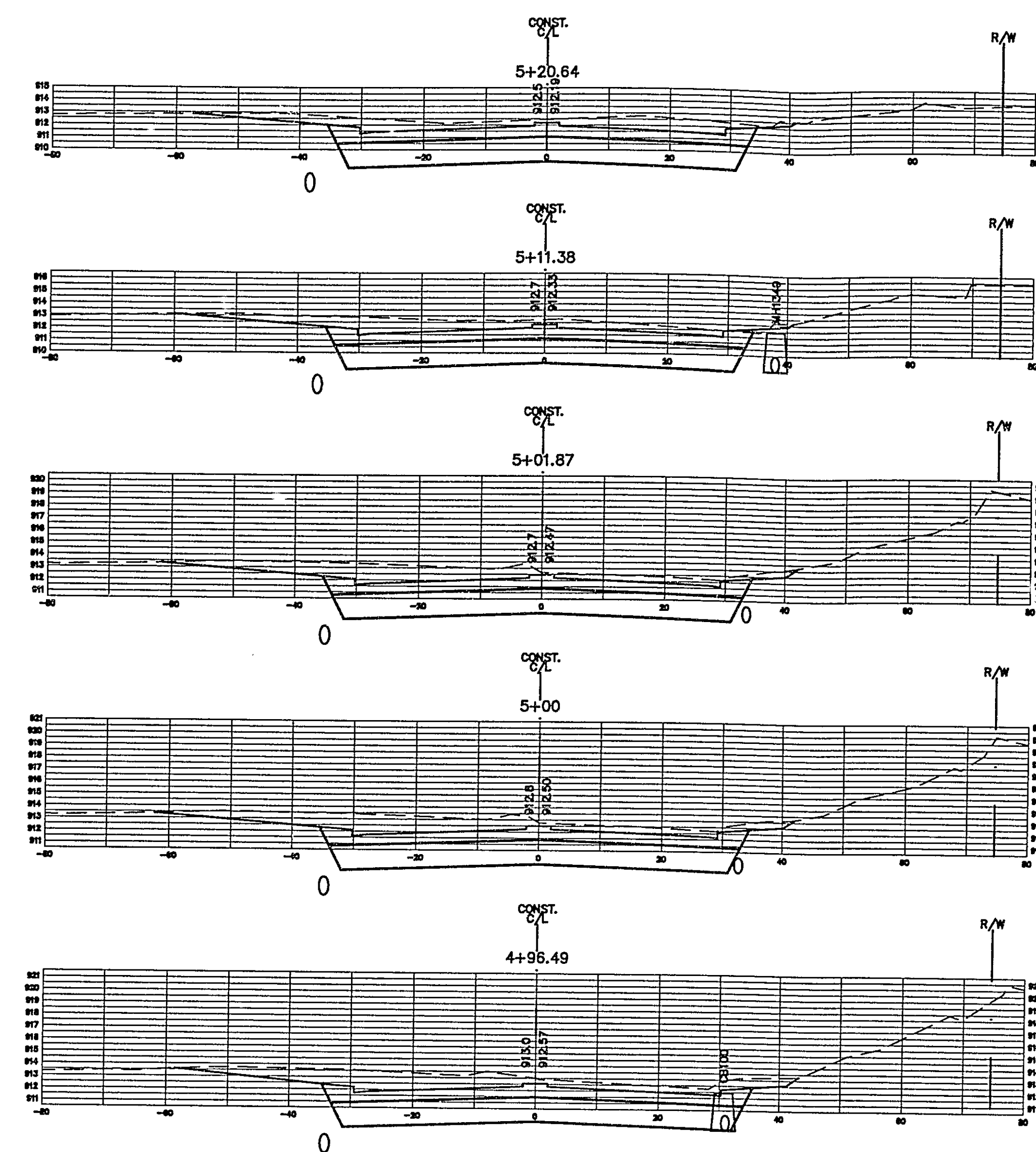
ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *SJB*
DATE: 4-19-05

28-184

S.A.P. 62-677-023

OLD HIGHWAY 8
CROSS SECTIONS
Sheet 25 of 37 Sheets

H:\LAND PROJECTS\3\OLDHIGHWAY\DWG\IN-ALTC-REVING 4/9/04



EXCAVATION CU. YDS.	EMBANKMENT CU. YDS.
87.68 CY	0.23 CY
97.12 CY	0.18 CY
19.81 CY	0.00 CY
36.06 CY	0.00 CY
110.84 CY	0.00 CY

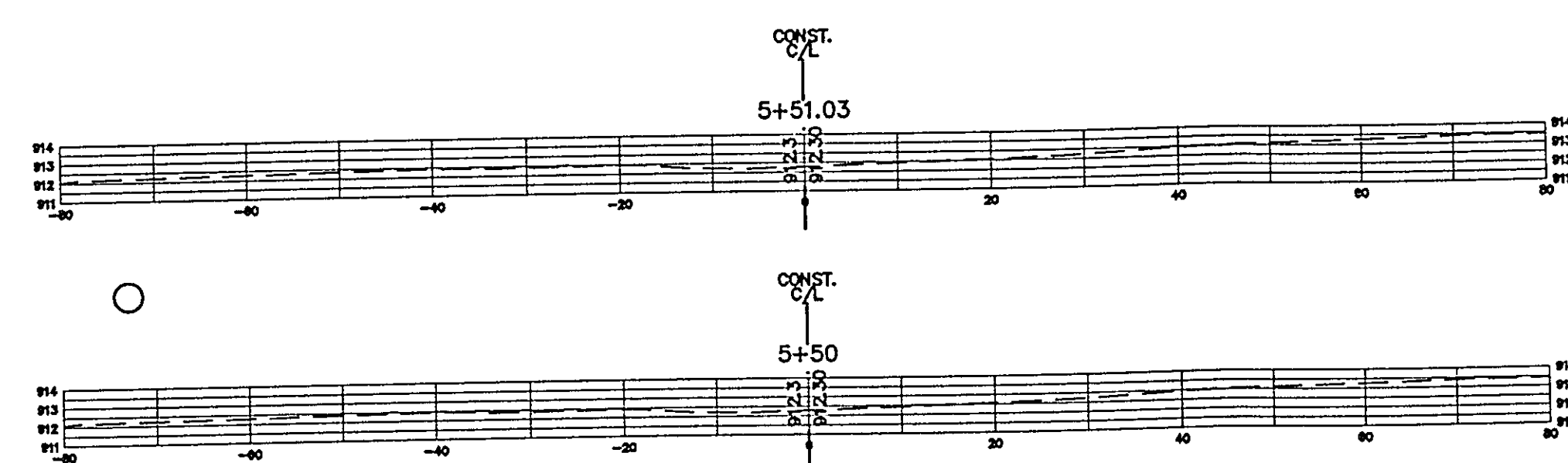
ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *SJB*
DATE: 4-19-05

28-184

S.A.P. 62-677-023

OLD HIGHWAY 8
CROSS SECTIONS
Sheet 26 of 37 Sheets

H:\LAND PROJECTS\3\OLDHIGHWAY\DWG\IN-ALTC-REVING 4/9/04



EXCAVATION CU. YDS.	EMBANKMENT CU. YDS.
TOTAL 2798.39 CU. YDS.	159.93 CU. YDS.

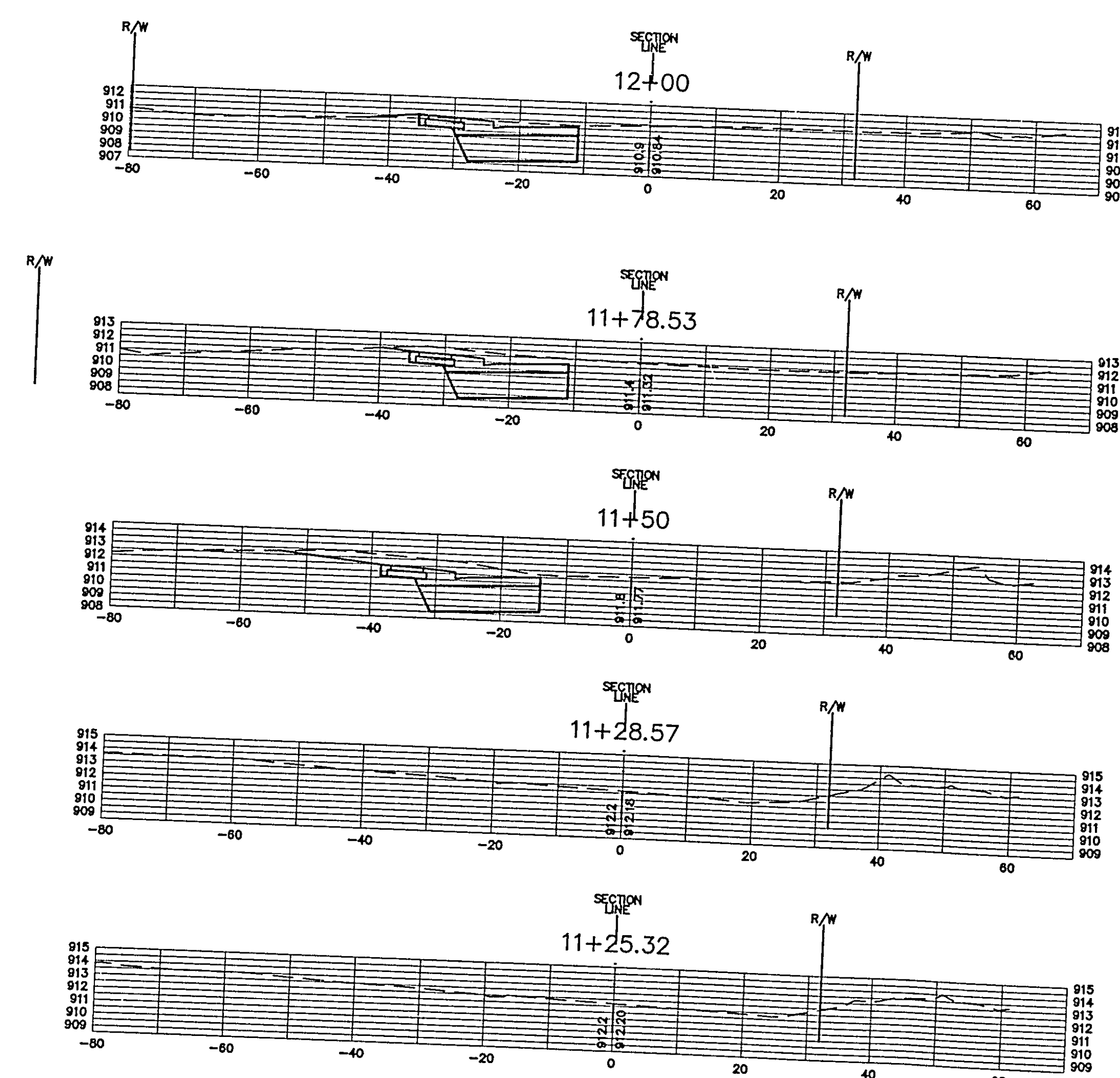
ASBUILT PLAN
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CONST. RECORDS
DONE BY: *SJB*
DATE: 4-19-05

28-184

S.A.P. 62-677-023

OLD HIGHWAY 8
CROSS SECTIONS
Sheet 27 of 37 Sheets

H:\LAND PROJECTS\3\OLDHIGHWAY\DWG\IN-ALTC-REVING 4/9/04



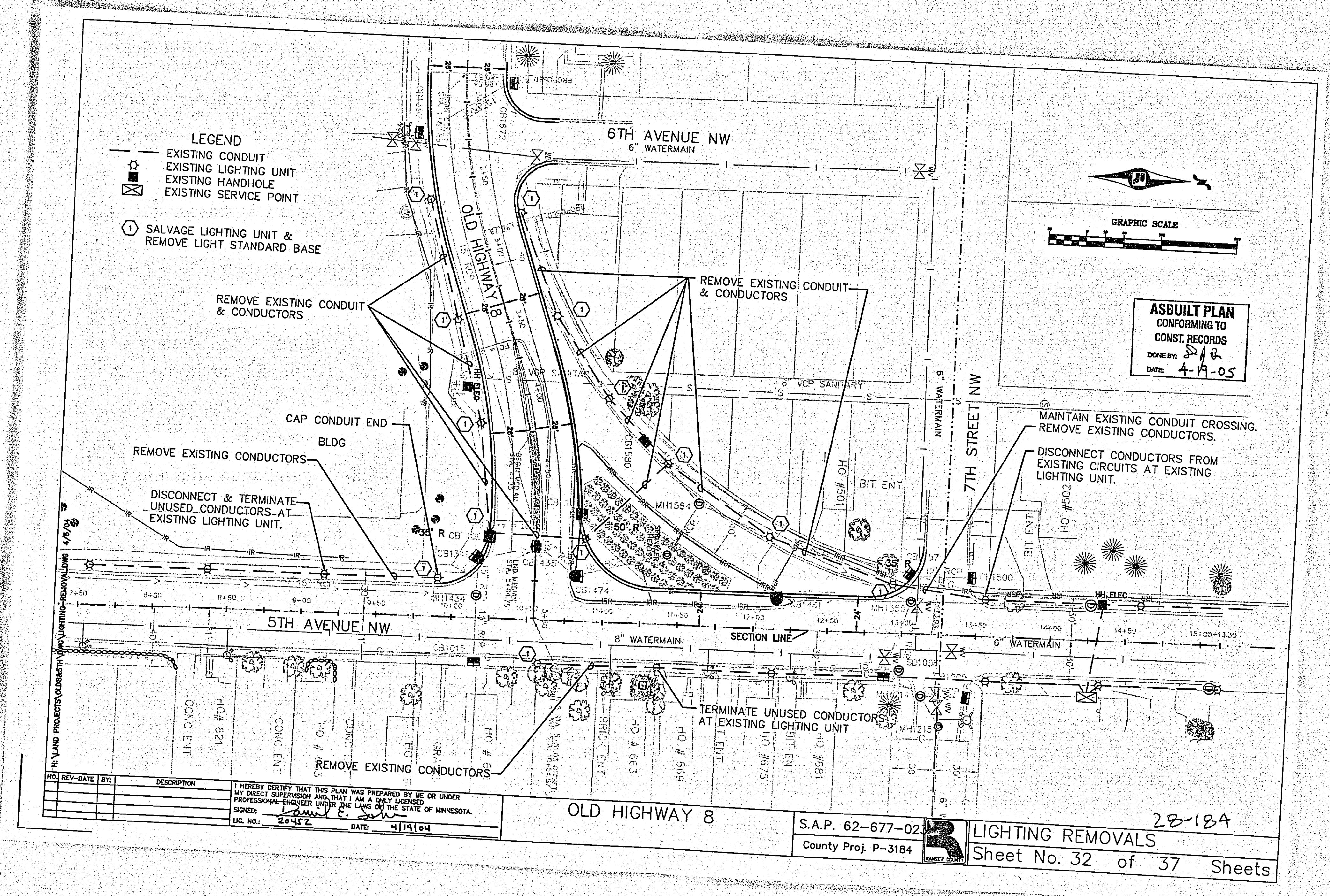
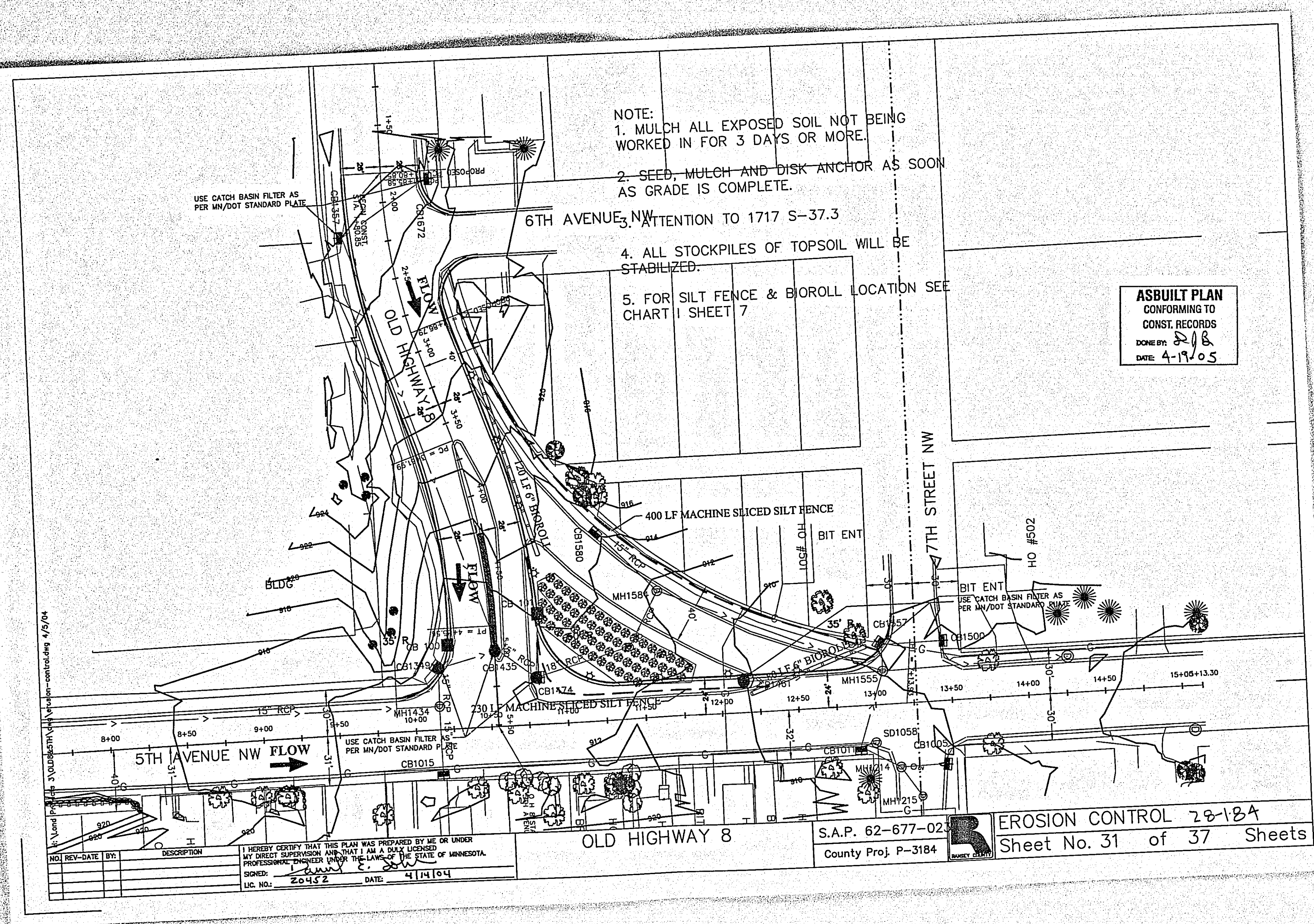
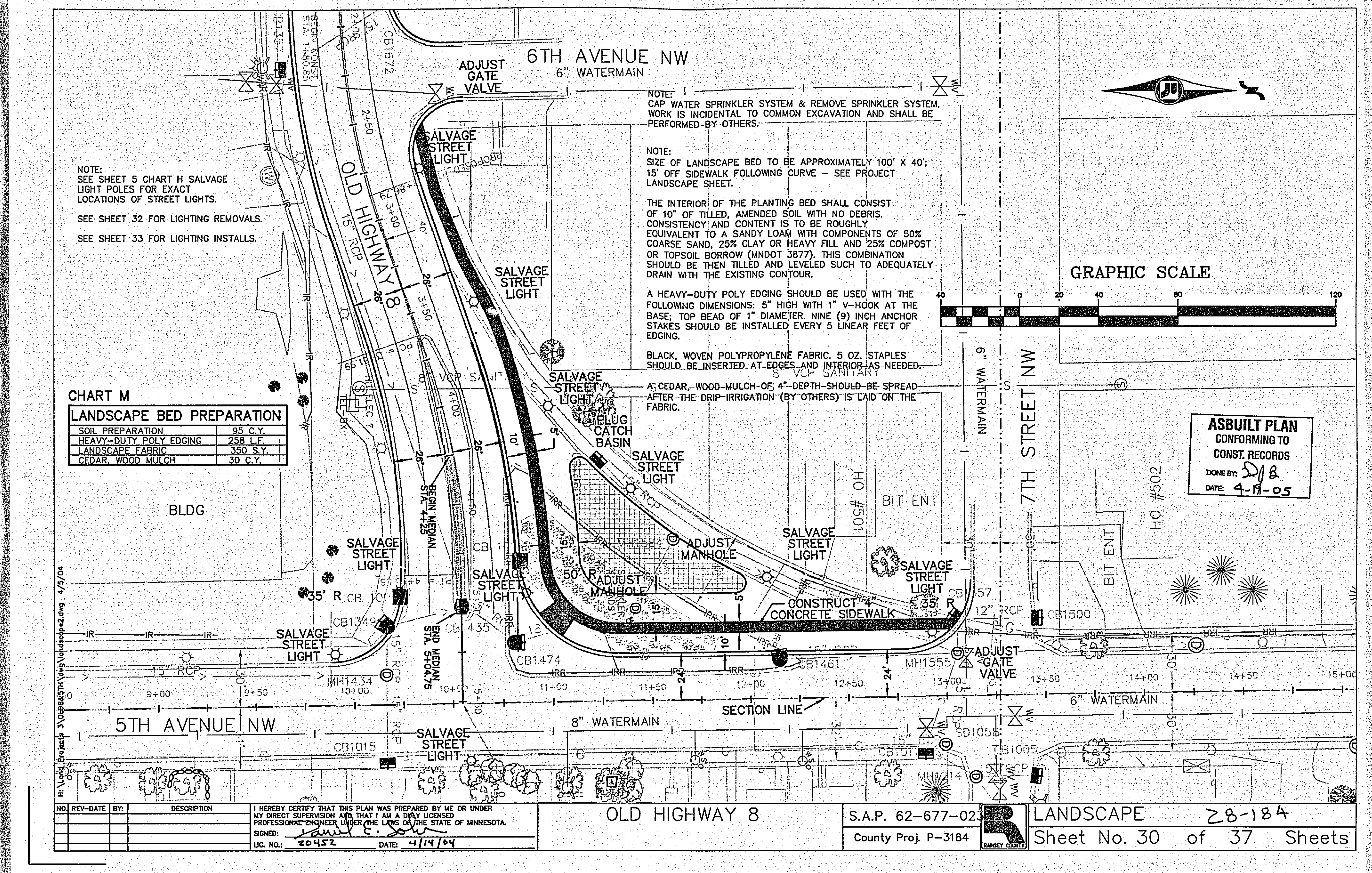
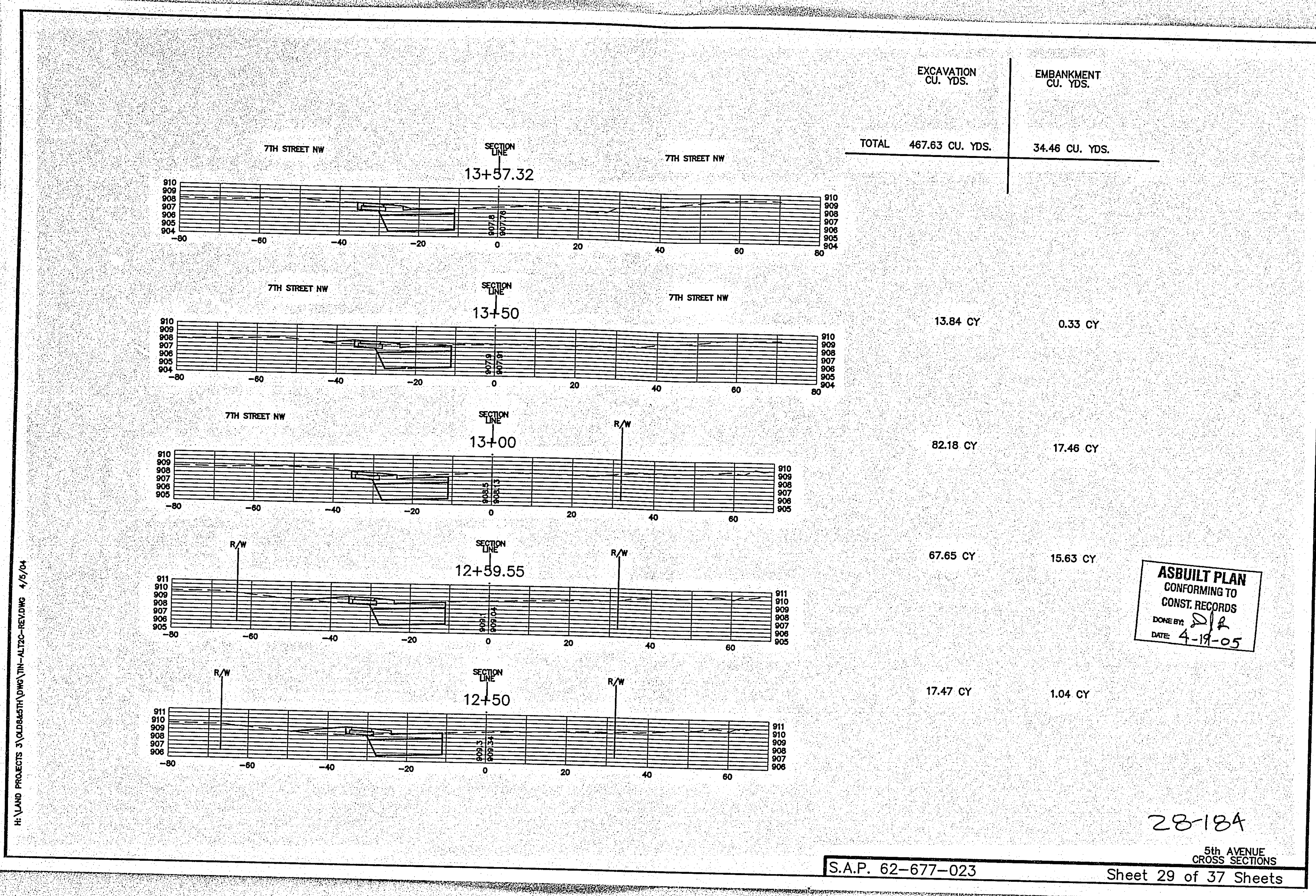
EXCAVATION CU. YDS.	EMBANKMENT CU. YDS.
102.53 CY	0.00 CY
75.22 CY	0.00 CY
108.74 CY	0.00 CY

ASBUILT PLAN
CONFORMING TO
CONST. RECORDS
DONE BY: *SJB*
DATE: 4-19-05

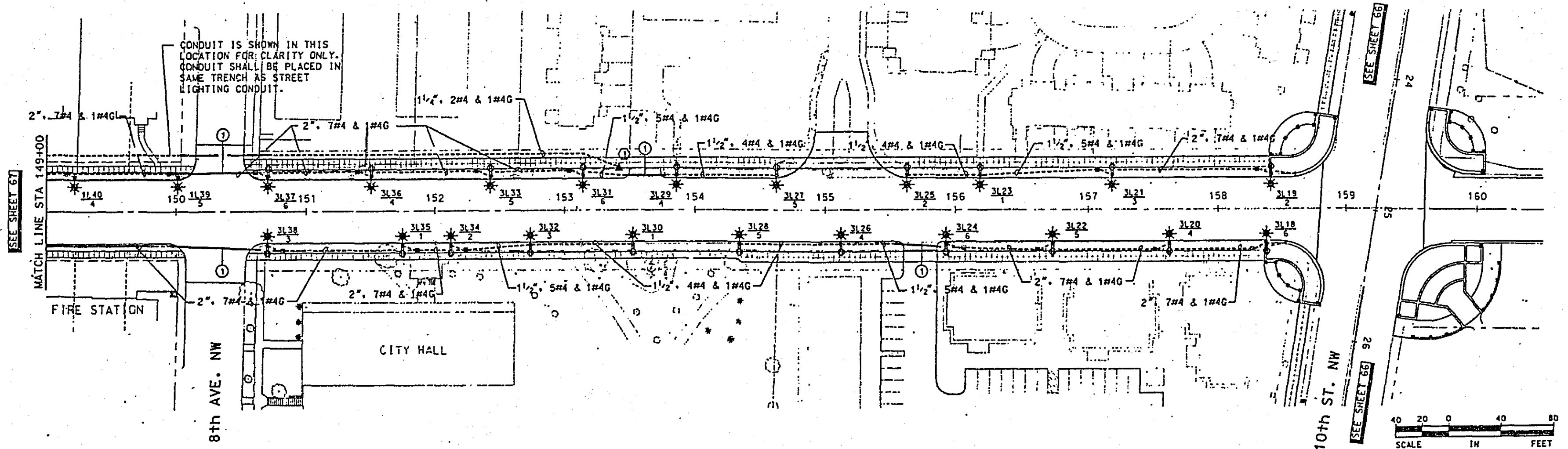
28-184

S.A.P. 62-677-023

OLD HIGHWAY 8
CROSS SECTIONS
Sheet 28 of 37 Sheets



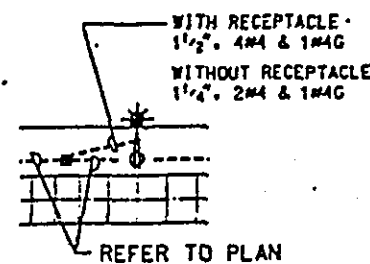
5TH AVENUE N.W.



SYMBOL SCHEDULE	
	PEDESTAL MOUNTED SERVICE CABINET
	SINGLE-HEAD LIGHTING UNIT WITH POLE NUMBER AND CIRCUIT DESIGNATION
	TRIPLE-HEAD LIGHTING UNIT WITH POLE NUMBER AND CIRCUIT DESIGNATION
	SCHEDULE 40 PVC CONDUIT OF SIZE AS INDICATED
	HANDHOLE (SEE CONNECTION DETAIL)

CONDUIT:

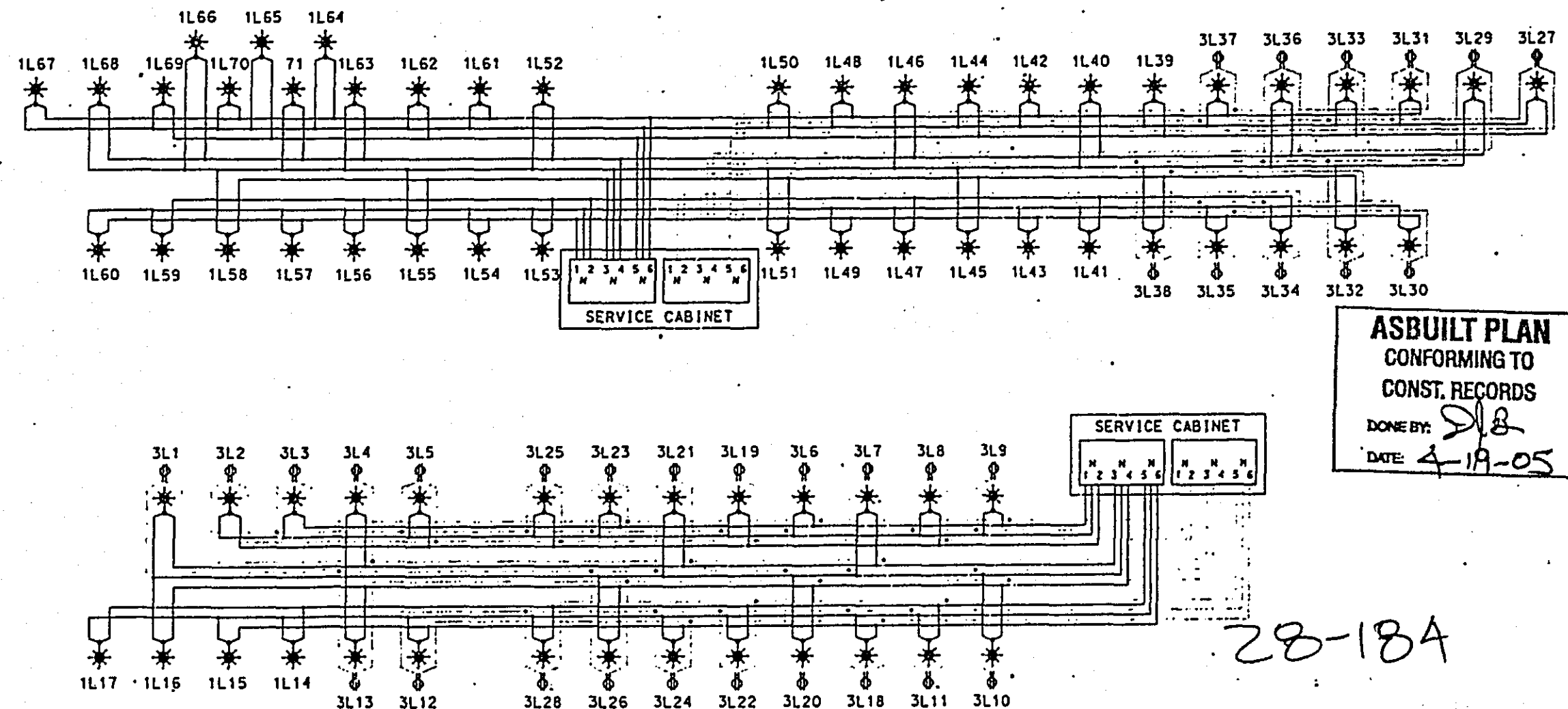
- ① RIGID STEEL CONDUIT OF SIZE SHOWN IN RUN.



HANDHOLE CONNECTION DETAIL
SCALE: NONE

NUMBERED NOTES:

- PROVIDE ROUGH-IN AS INDICATED FOR FUTURE INSTALLATION OF FIRE STATION WARNING LIGHT. REFER TO LANDSCAPE PLANS FOR EXACT LOCATION.
- MAKE 120V SINGLE-PHASE CONNECTION TO LIGHTING UNIT TYPE SPECIAL UTILIZING CIRCUIT #3.
- CONDUIT AND WIRE TO BE ROUTED TO NSP SOURCE OF POWER. REFER TO SPECIFICATIONS. VERIFY EXACT LOCATION OF TRANSFORMER WITH NSP.
- FURNISH AND INSTALL 20 AMP. WEATHERPROOF RECEPTACLE ON DEDICATED CIRCUIT. RECEPTACLE TO BE MOUNTED ON SIDE OF IRRIGATION CABINET (BY OTHERS).
- MAKE 120V SINGLE-PHASE CONNECTION TO DECORATIVE SIGN (BY OTHERS) UTILIZING CIRCUIT #3. VERIFY EXACT LOCATION WITH LANDSCAPE ARCHITECT.



ASBUILT PLAN
CONFORMING TO
CONST. RECORDS

DONE BY: *SLB*
DATE: 4-19-05

FOR INFORMATIONAL PURPOSES ONLY

S.A.P. 62-677-023

STA. 149+00 TO STA. 160+00
STREET LIGHTING

SHEET 37 OF 37

5TH AVENUE NW & 10TH STREET NW
STREETSCAPING AND
REHABILITATION
NEW BRIGHTON, MINNESOTA

Ort
Schelen
Meyer &
Associates, Inc.
Engineers - Architects - Planners - Surveyors
300 Park Place East - 5775 Hennepin Avenue
Minneapolis, MN 55412-1226 - 612-595-5775

REVISION NO.	DATE	EXPLANATION
1	8/13/05	ADD WIRING FOR RECEPTACLES
2	10/2/05	WIRING DIAGRAM
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