CITY OF CASA GRANDE
DOWNTOWN STREETS
RECONSTRUCTION PLANS
PHASE II

INDEX OF SHEETS

Sheet No.	Dwg. No.	Sheet Type
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]

GROSS LENGTH OF PROJECT

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
		6,209.57 ft

M.A.G. STANDARDS

Number	Description
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	Catch Basin, Type B
[illegible]	[illegible]

General Notes: Construction Inspection and Testing

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

PAVING NOTES

1. A. Grading, excavation, paving, trenching, pipe laying and backfill, shall comply with the recommendations set forth in the geotechnical report for this project and the referenced federal specifications and standards, latest report and standard specs were unknown. [illegible]

2. The contractor shall verify the location, elevation and condition of existing utilities, structures, and pavement prior to commencing any new construction. Should any conflicts, elevations or issues arise, stop work and notify the engineer. The contractor shall consult the owner's agent.

3. The contractor shall give 48 hours, prior to the city engineer prior to the construction activity within the public way.

4. The City Engineer must approve a plan revision in writing prior to construction of the changes in approved plans.

5. Upon commencement of work, traffic control devices shall be placed and maintained in the contractor work area from the start of work to completion.

6. Removal and replacement of all mailboxes, fences, signs, poles, post, etc. within the right-of-way and construction traffic shall be coordinated by the City Engineer.

7. Concrete [illegible] shall have minimum flume [illegible] and shall be built to conform with the standard of existing sidewalk.

8. Hot mix asphalt pavement, full depth asphalt pavement shall be [illegible] the entire roadway and be W.A.C. [illegible] Asphalt concrete shall be rolled for compaction, to 95% of maximum density. The contractor, at his expense, shall have a qualified soil [illegible] on the project for density determination on a daily basis.

9. A. Construction & test methods shall be in accordance with the city of [illegible] and Maintenance Assessment [illegible] Contract Documents specifications and details for Public Works Construction, and latest edition and revisions thereto.

10. Asphalt concrete mix designs to W.A.C. [illegible] shall be submitted for approval. Contractor is responsible for the design of the mix.

11. A. Concrete mix designs with W.A.C. [illegible] shall be submitted for approval within 28 days, unless otherwise specified. Contractor shall supply the design to the City Engineer for approval prior to placement. Contractor shall supply a copy of each batch ticket to the City Engineer or its representative.

12. A copy of the City approved plans must be kept on site at all times during the course of construction.

13. In the event of any discrepancy between these plans and W.A.C. standard specifications, those approved by the City Engineer.

14. The contractor is responsible for the protection of all underground, overhead, water meter boxes, [illegible]

15. Engineer's testing of AC cores prior to placement is required and results are to be delivered to the City Engineer or its representative prior to paving.

16. All [illegible] required by the [illegible] testing firm shall be supplied to the Engineer representative.

17. Core testing of newly poured concrete surfaces may be required at the discretion of the City Engineer. Core holes are to be filled with compatible material. Test results shall be provided within [illegible] days of the testing.

18. Protection of [illegible] structures and services during paving operations shall be the responsibility of the contractor and is charged solely to the contractor.

19. Cold saw cut the edge of existing asphalt surfaces prior to placement of asphalt. This requirement will apply to vertical asphalt surfaces and at a depth of [illegible]

20. The pavement joint between the new and existing asphalt shall be sealed. Joint shall be cut at the end of the [illegible]

21. Street sign brackets shall not [illegible] be fixed so as to [illegible] through the roadbed for any purpose.

22. Asphalt [illegible] shall be converted prior to the first work through the site. [illegible]

23. [illegible] shall be [illegible] and replaced the [illegible] paving [illegible] and other [illegible] shall be to the engineer.

GRADING NOTES

1. [illegible]

2. Approved drainage report
[illegible] CACCO (January 2001)
[illegible]

3. Approved geotechnical report
[illegible]
[illegible]

4. The contractor is responsible for complying with [illegible] requirements and requests by the city and other [illegible]

5. Permits of a right and other parts shall be in accordance with the provisions of the [illegible]

6. Contractor must keep [illegible]

7. Contractor must prevent damage to [illegible] during grading operations.

8. Contractor must repair any damage to [illegible] property that results from work done under the [illegible]

9. The contractor shall prepare a [illegible] in accordance with and to be the [illegible] set forth by [illegible]. The contractor shall [illegible] and [illegible] required by [illegible] the [illegible] permit. [illegible] to the [illegible] to the engineer.

10. A [illegible] must comply with chapter [illegible] of the [illegible] Code.

11. A grading in the public right of way is to comply with W.A.C. specifications and standard details of the engineer's approved plans and specifications for the project and the soil engineer's geotechnical report for the project.

12. A copy of the grading plan [illegible] shall be [illegible] be completed as approved by the City of Engineer.

GENERAL NOTES

1. A. Work in conformance with WAC, Public Works Standard Specifications for Public Works Construction, latest edition, the latest revisions thereto, together with the WSDOT Supplement to the WAC Standard Specifications and the Special Provisions.

2. Standard details refer to the WAC Standard Details for Public Works Construction, latest edition.

3. A. Locations of the [illegible] shown on the plans are from available records. The contractor shall verify the actual locations before starting construction. The Contractor shall contact Blue Stakes, 1-800-553-1648, prior to beginning construction.

4. Utilities [illegible] with construction shall be kept or relocated by the utility company authorized unless noted otherwise.

5. Disposal of excess materials, clearing debris, etc. is the responsibility of the contractor, subject to the approval of the Engineer.

6. A. Utilities and [illegible] shall be [illegible] the new construction shall be [illegible]

DESCRIPTION / END TREATMENT

Location	Culvert No.	Diameter	Length	Remarks
[illegible] to 20+40 1st Street	[illegible]	2.50	[illegible]	[illegible]
[illegible] 1st Street	502	2.50	567	
[illegible] to 20+40 1st Street	503	2.50	997	
20+06 to 22+46 1st Street	504	2.5	476	
22+46 to 24+00 1st Street	505	2.50	125	30"x24" Tee
24+00 to 26+75 1st Street	506	2.50	490	30"x24" Tee
26+05 to 27+45 1st Street	507	2.50	280	30"x24" Tee
27+45 to 21+5[illegible] 1st Street	508	2.50	106	30"x24" Tee
[illegible] to 20+50 1st Street	509	2.50	76	
[illegible] to 2[illegible] 1st Street	510	2.50	54	30"x24" Tee
[illegible] to [illegible] 1st Street	511	2.50	214	30"x24" Tee
[illegible] to 27+75 1st Street	512	2.50	228	30"x24" Tee
27+75 to 32+00 1st Street	513	2.50	46	
32+00 to 33+00 1st Street	514	2.50	144	30"x24" Tee
[illegible] 1st Street	517	2.50	456	30"x24" Tee
[illegible] to 39+51 1st Street	517	2.50	619	
39+51 to [illegible] 1st Street	517a	30	21	30"x24" Tee Connection
[illegible] to 40+20 1st Street	519	2.50	145	30"x24" Tee
40+20 to 42+61 1st Street	519	2.50	2[illegible]	30"x24" Tee
42+61 to 44+26 1st Street	520	2.50	375	
[illegible] to 45+34 1st Street	521	2.50	540	30"x24" Tee
[illegible] to 46+92 1st Street	522	2.50	97	
[illegible] Meadow to 21+45 2nd Street	[illegible]	30	[illegible]	
Sheet Total			1107	

FILL HEIGHT RANGE TABLE

STRUCT. COMPARATION

PANHANDLE [illegible]

SUBSURFACE [illegible] DETAILS

DESCRIPTION

END TREATMENT

REMARKS

Sheet Total

FILL HEIGHT RANGE TABLE

DESCRIPTION Location				REMARKS
45-90 1st Street [?]	[illegible]	24	[illegible]	
45-90 1st Street [?]	[illegible]	24	[illegible]	
45-90 1st Street [?]	[illegible]	24	[illegible]	
46-90 1st Street [?]	[illegible]	24	[illegible]	
[illegible] to 24-51 2nd Street	[illegible]	[illegible]	[illegible]	
[illegible] 2nd Street	[illegible]	[illegible]	[illegible]	
[illegible] to 21-45 2nd Street	[illegible]	[illegible]	[illegible]	
[illegible] to 21-45 2nd Street	[illegible]	[illegible]	[illegible]	
[illegible] to 22-54 Florence Street	[illegible]	[illegible]	[illegible]	
[illegible] to [illegible] Florence Street	[illegible]	[illegible]	[illegible]	
[illegible] 2nd Street	[illegible]	24	[illegible]	
[illegible] Florence St [illegible] 2nd St	[illegible]	24	[illegible]	
[illegible] to [illegible] Mansion Street [?]	[illegible]	[illegible]	[illegible]	
[illegible] to [illegible] Mansion Street [?]	[illegible]	[illegible]	[illegible]	
[illegible] 2nd Street	[illegible]	24	[illegible]	
[illegible] Mansion St [illegible] 2nd St	[illegible]	24	[illegible]	
[illegible] Mansion Street [?]	[illegible]	[illegible]	[illegible]	
[illegible] to [illegible] Florence Street	[illegible]	[illegible]	[illegible]	
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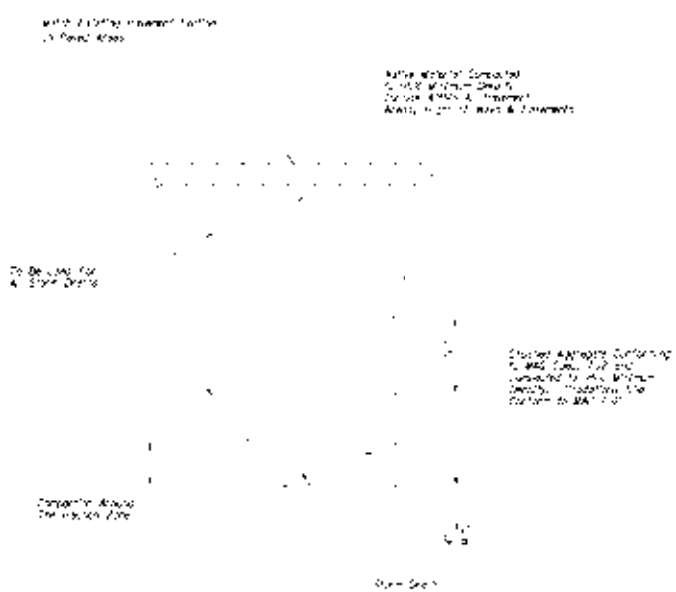
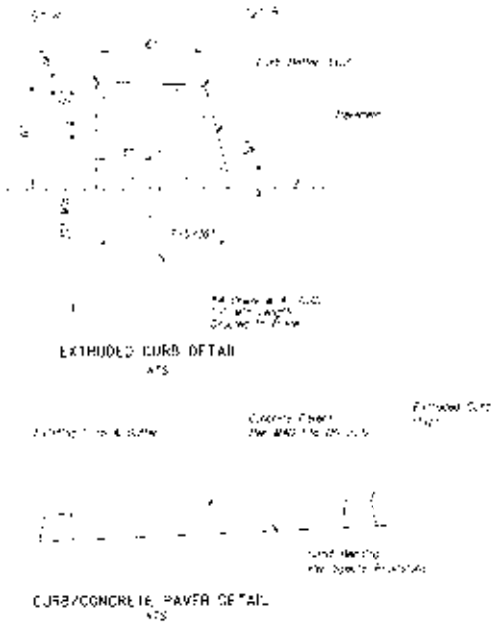
END TREATMENT



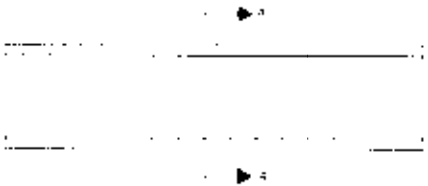
DETAIL A

TYPICAL BEDDING AND BACKFILL DETAIL

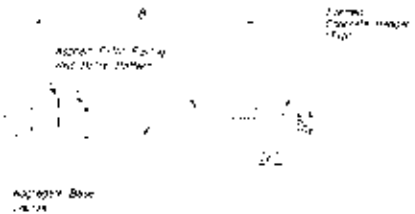


DETAIL B

EXTRUDED CURB ISLAND DETAILS



CONCRETE PAVER CROSSWALK PLAN



SECTION A-A

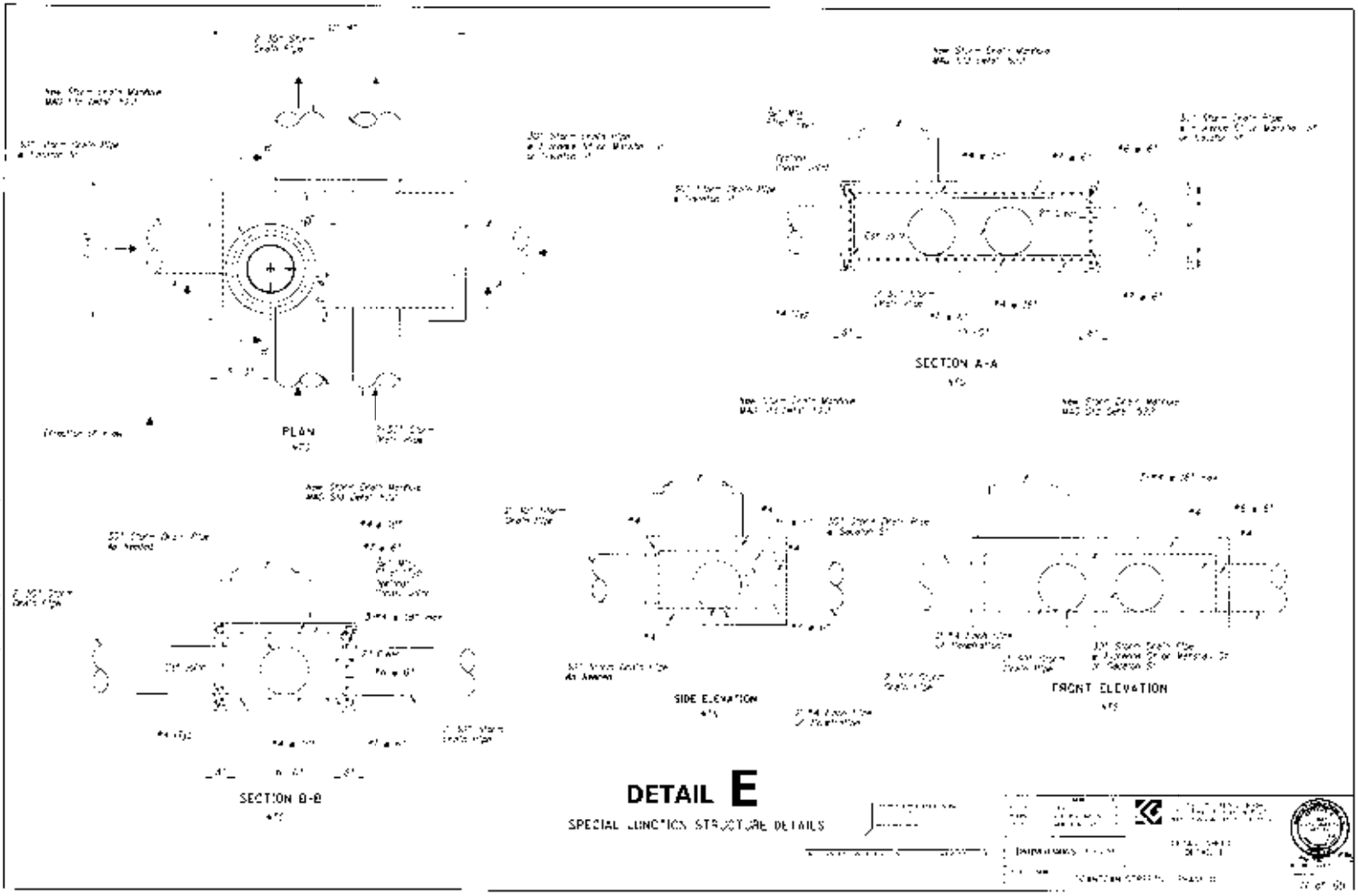
DETAIL C

CONCRETE PAVER CROSSWALK DETAIL

CATCH BASIN IN EXISTING SIDEWALK PLAN

DETAIL D

NEW CATCH BASIN IN EXIST SIDEWALK DETAIL


PLAN
SECTION A-A
SECTION B-B
SIDE ELEVATION
FRONT ELEVATION
DETAIL E
SPECIAL JUNCTION STRUCTURE DETAILS

NOTES:

DETAIL F

CURB WALL AT BACK OF SIDEWALK

STA 23+44.53, 39.5' Lt (Wilson St)
END RECONSTRUCTION

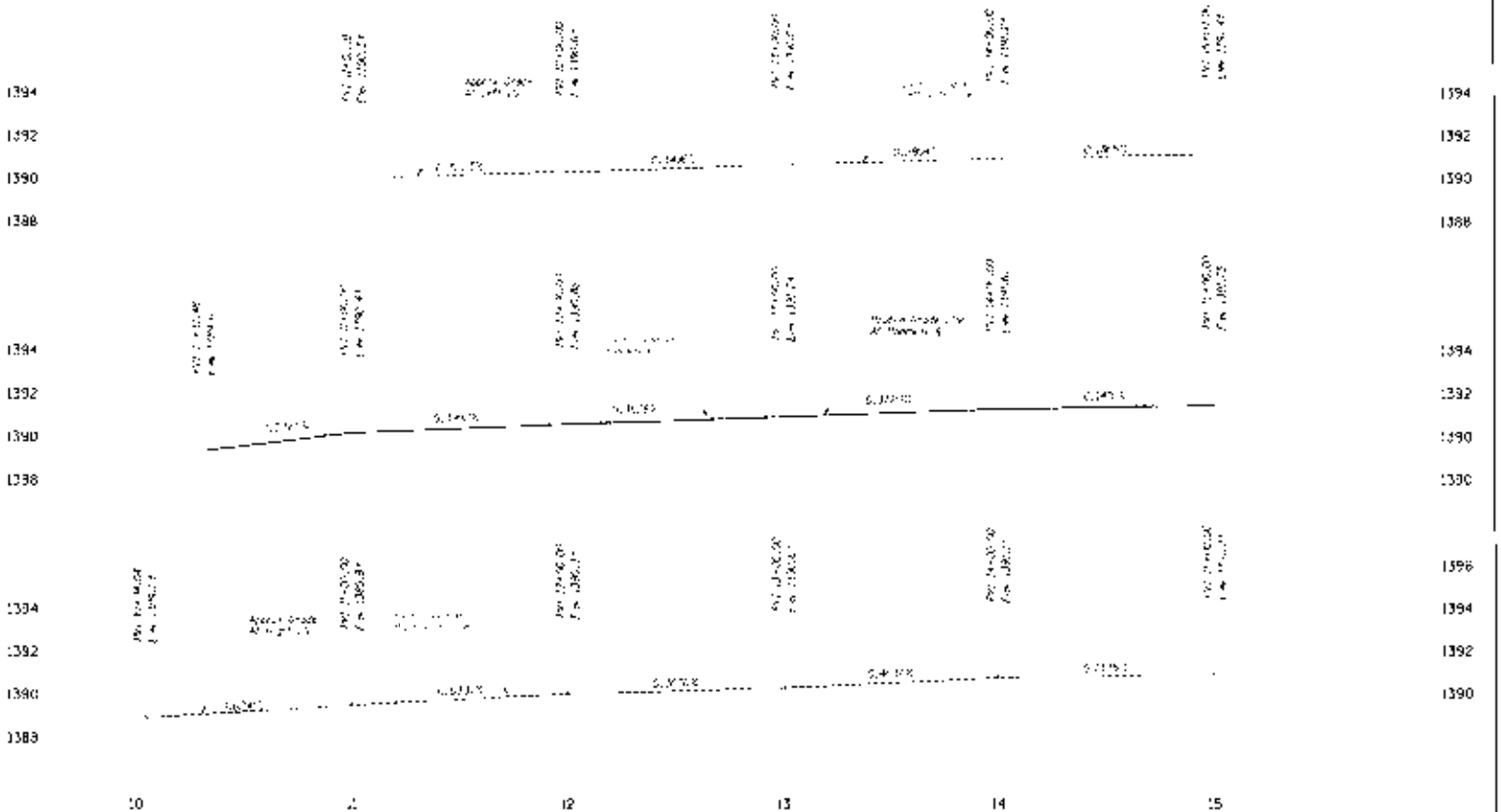
STA 23+80.00 (Wilson St)
END RECONSTRUCTION

Match Line Sta 15+00 Dwg C-L4

STA 9+98.05 (1st St)
BEGIN RECONSTRUCTION

STA 22+37.47 (Wilson St)
BEGIN RECONSTRUCTION

LIST OF QUANTITIES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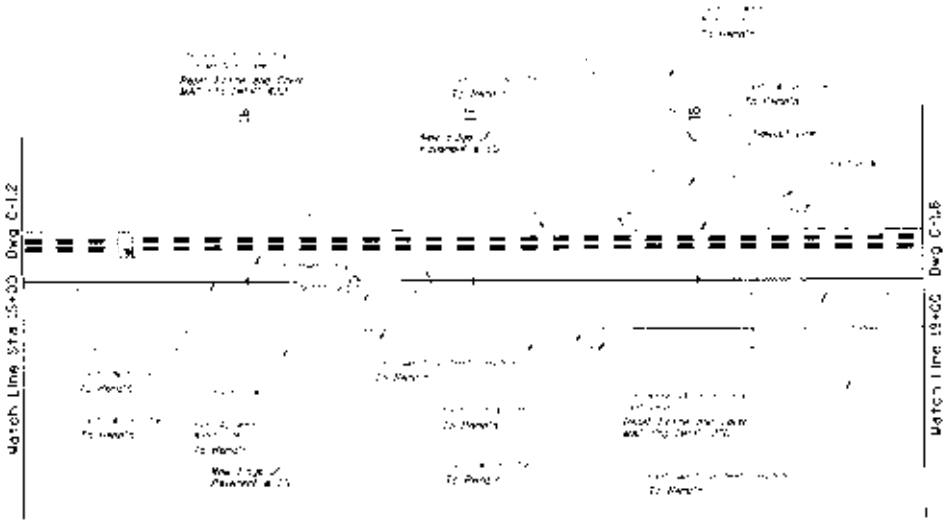

LIST OF QUANTITIES

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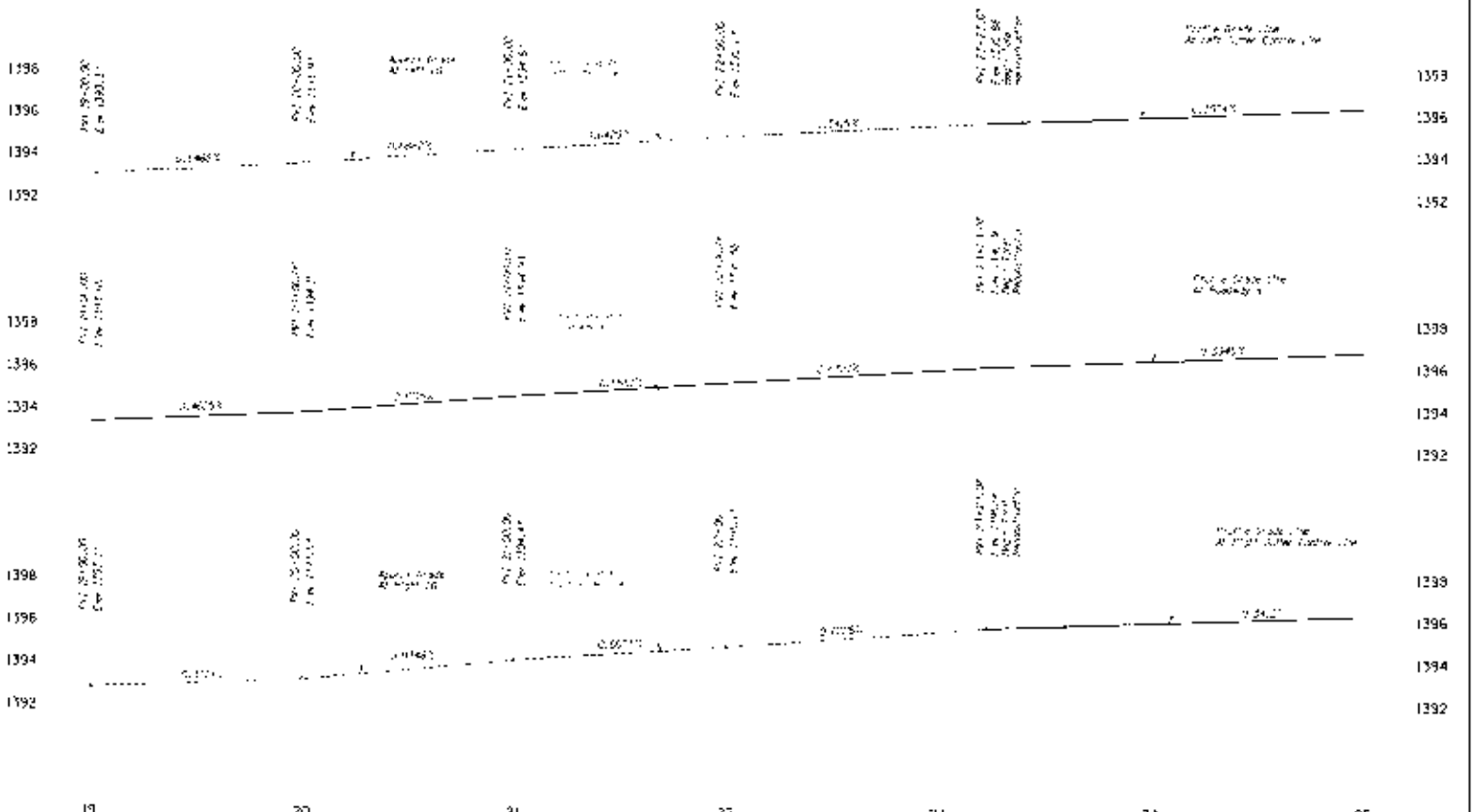
LIST OF QUANTITIES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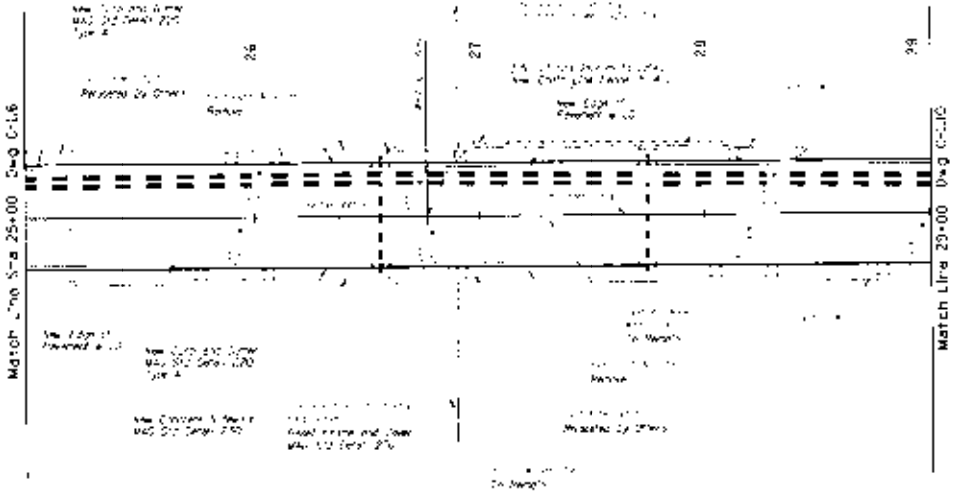

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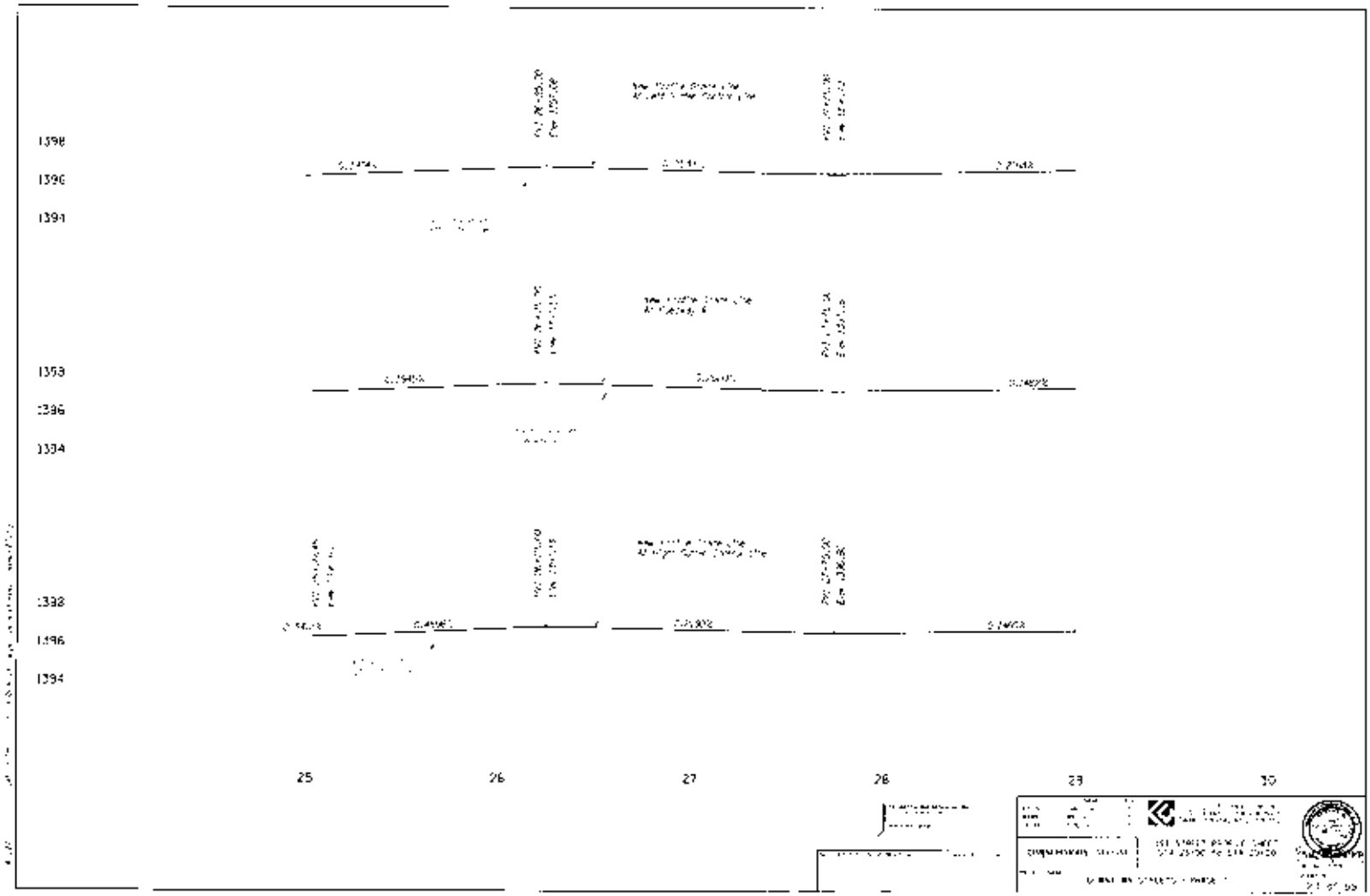
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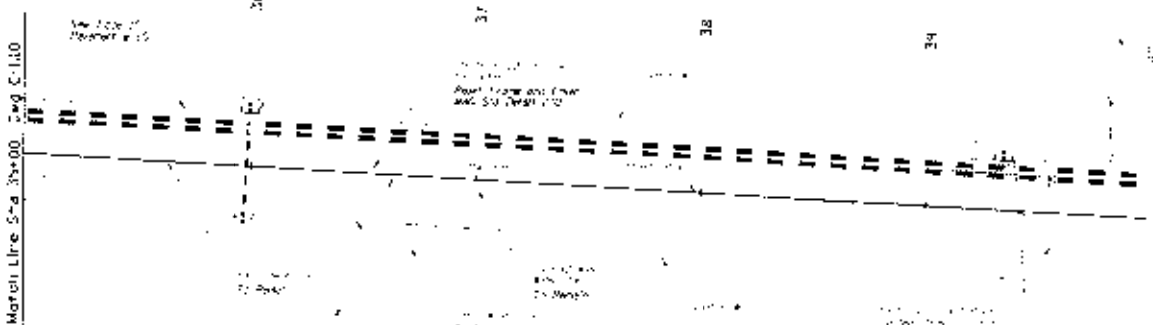
STA 32+80.00
END RECONSTRUCTION
BEGIN MILL AND OVERLAY

Match Line Sta 29+00 Dwg C-1.13

Match Line 35+00 Dwg C-1.12

LIST OF QUANTITIES



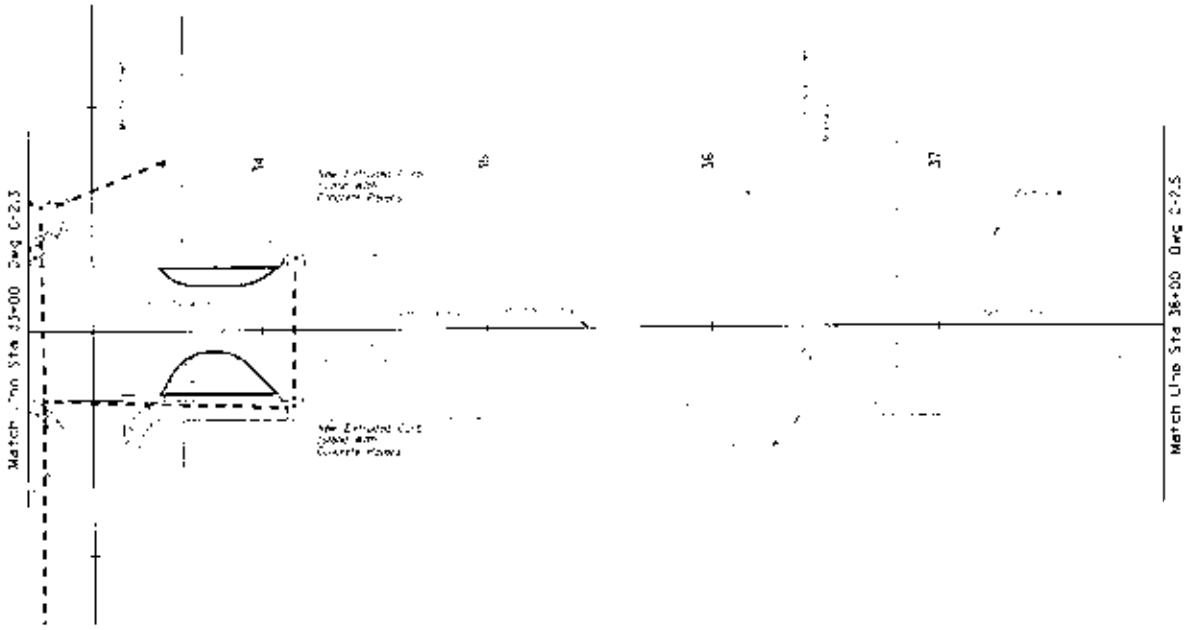
LIST OF QUANTITIES

TYPICAL SECTION

KEY MAP

MATCH LINE S-4 28+00 DWG S-25
27
26
25
24
23
LIST OF DRAWINGS

Water Line Sta 28+00 Dwg C-2.2
Water Line Sta 33+00 Dwg C-2.4
LIST OF QUANTITIES



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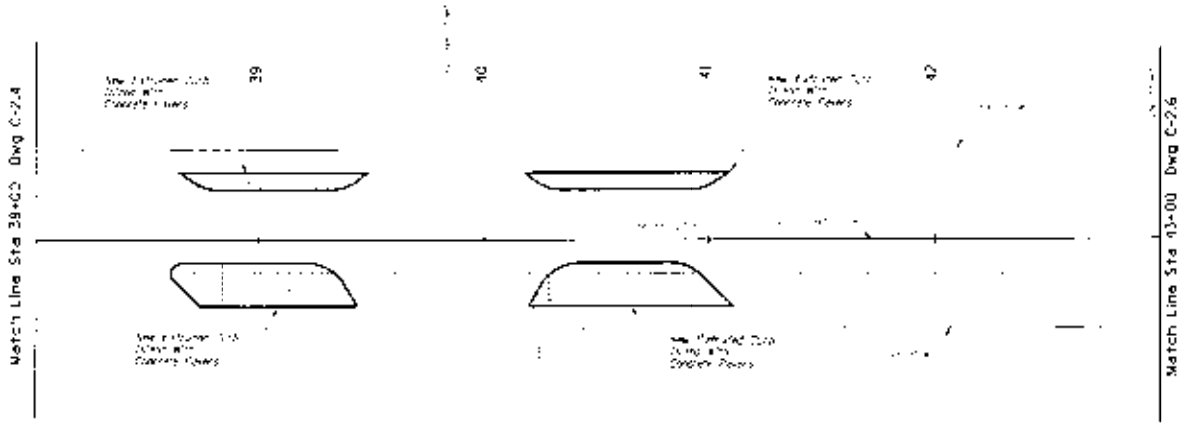
NOTES:

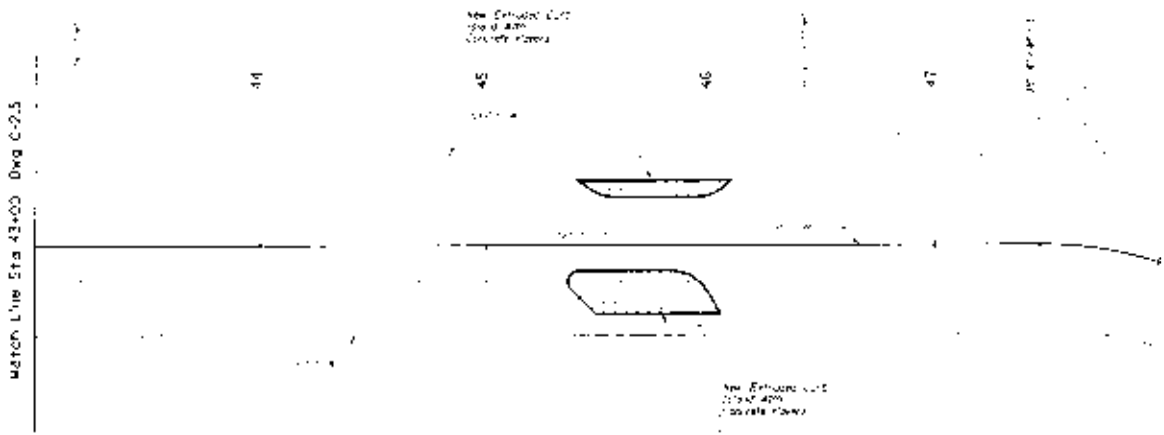
1. See Cut Sections Sheet for actual cut quantity.
2. See Detail B for actual cut and fill quantity.



LIST OF QUANTITIES

Notes:

1. See Curb Assembly Chart for curbline curve geometry.
2. See Dwg. 6 for curbline curve and tapered details.



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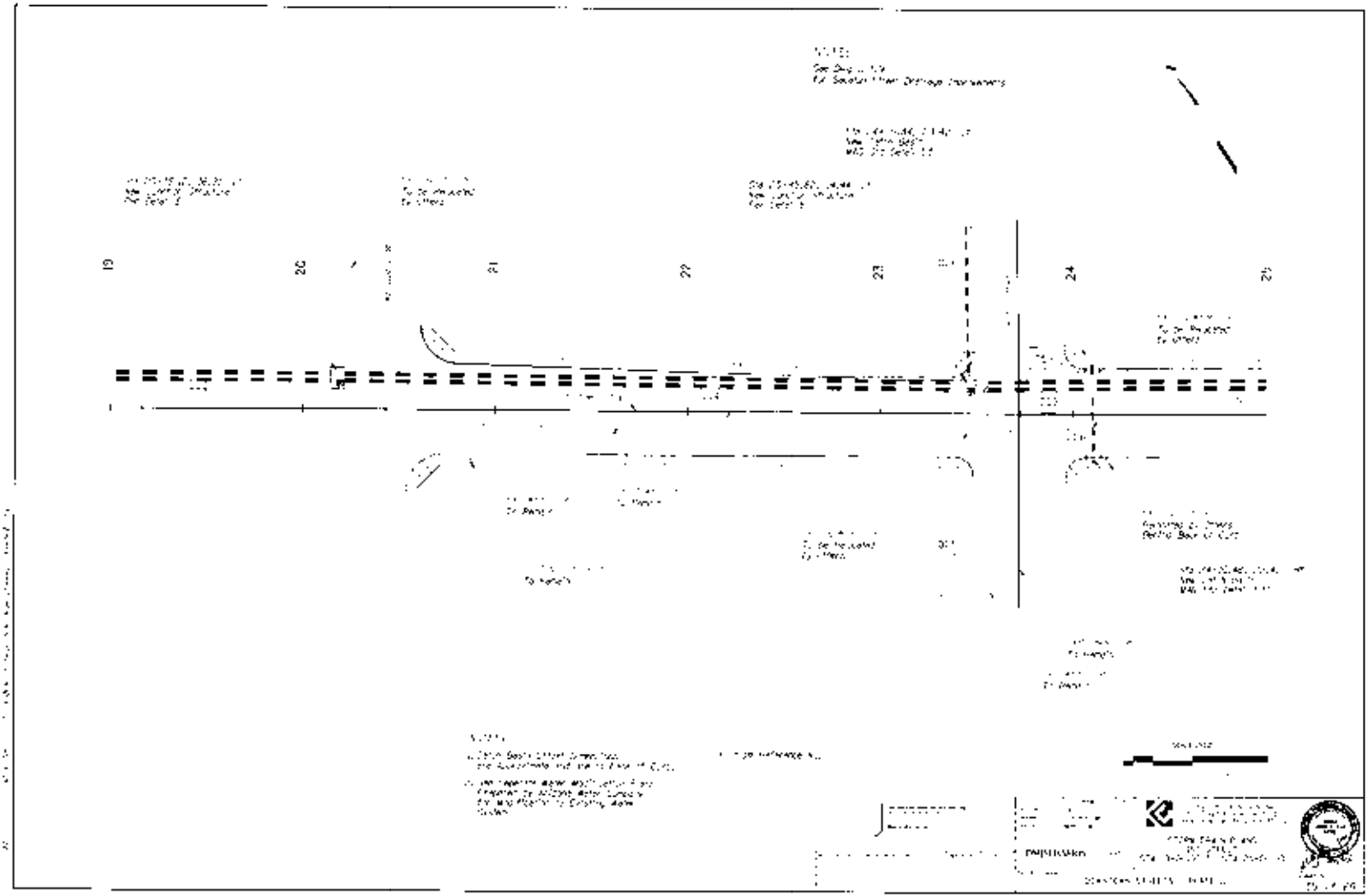
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2. [illegible]