RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT
CENTRAL AVENUE IMPROVEMENTS
(CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.)

△1 SHEET INDEX: D5-0902689 WATER IMPROVEMENT PLANS
- SEE DRAWING D5-0902689 -

SHEET INDEX: R-4085 STREET IMPROVEMENT PLANS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	CENTRAL AVENUE STREET IMPROVEMENTS (STA. 86+00.00 TO 89+00.00)
3	CENTRAL AVENUE STREET IMPROVEMENTS (STA. 89+00.00 TO 94+00.00)
4	CENTRAL AVENUE STREET IMPROVEMENTS (STA. 94+00.00 TO 99+00.00)
5	CENTRAL AVENUE STREET IMPROVEMENTS (STA. 99+00.00 TO 104+00.00)
6	CENTRAL AVENUE STREET IMPROVEMENTS (STA. 104+00.00 TO 109+00.00)
7	CENTRAL AVENUE STREET IMPROVEMENTS (STA. 109+00.00 TO 114+00.00)
8	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 114+00.00 TO 119+00.00)
9	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 119+00.00 TO 124+00.00)
10	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 124+00.00 TO 129+00.00)
11	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 129+00.00 TO 134+00.00)
12	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 134+00.00 TO 139+00.00)
13	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 139+00.00 TO 144+00.00)
14	ALESSANDRO BLVD. STREET IMPROVEMENTS (STA. 144+00.00 TO 149+00.00)
15	STORM DRAIN PROFILES
16	MEDIAN AND PARKWAY LANDSCAPE AND IRRIGATION DETAILS
17	TYPICAL STREET SECTIONS AND SLOUGH WALL DETAIL
17A	LANDSCAPE SERVICE DETAILS, WALL DRAINAGE DETAILS, CHICAGO AVE IMPROVEMENTS AND ADDITIONAL CONSTRUCTION NOTES

SHEET INDEX: XL-588 SIGNING AND STRIPING PLAN

SHEET NO.	DESCRIPTION
1	SIGNING AND STRIPING
2	SIGNING AND STRIPING
3	SIGNING AND STRIPING
4	SIGNING AND STRIPING
5	SIGNING AND STRIPING

SHEET INDEX: X-412B TRAFFIC SIGNAL PLAN

SHEET NO.	DESCRIPTION
1	TRAFFIC SIGNAL PLAN FOR ALESSANDRO BLVD. AT ARLINGTON AVE. AND CHICAGO AVE.

SHEET INDEX: X-472A TRAFFIC SIGNAL PLAN

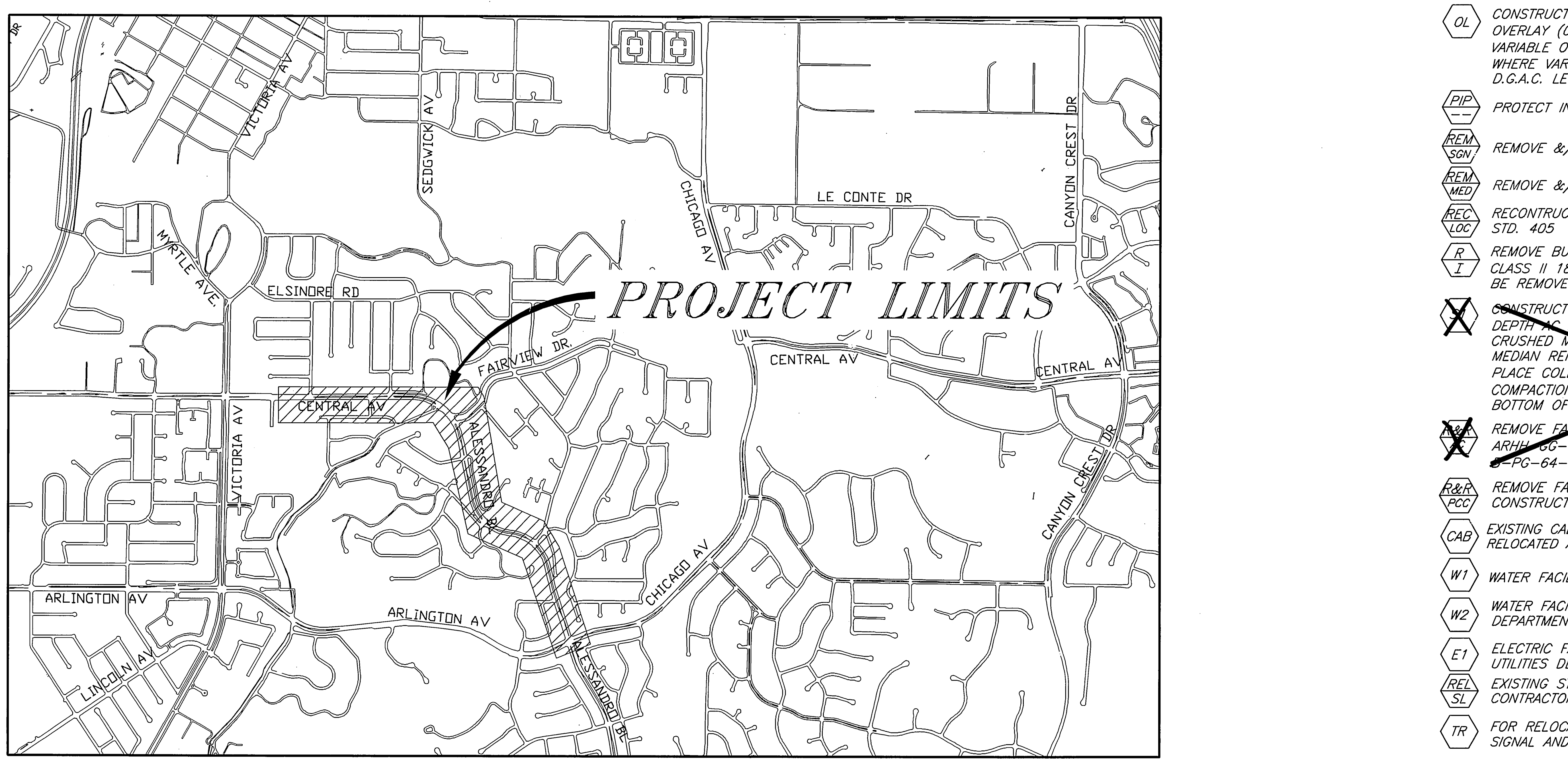
SHEET NO.	DESCRIPTION
1	TRAFFIC SIGNAL PLAN FOR CENTRAL AVE. AT FALKIRK AVE.

SHEET INDEX: X-497A TRAFFIC SIGNAL PLAN

SHEET NO.	DESCRIPTION
1	TRAFFIC SIGNAL PLAN FOR ALESSANDRO BLVD. AT GLENHAVEN AVE.

SHEET INDEX: X-500 TRAFFIC SIGNAL PLAN

SHEET NO.	DESCRIPTION
1	TRAFFIC SIGNAL PLAN FOR ALESSANDRO BLVD. AT GLOUCESTER WAY



LOCATION MAP

CONSTRUCTION NOTES:

△1 (SEE SHEET 17A FOR ADDITIONAL CONSTRUCTION NOTES - ALL SHEETS TYP.)

⬢	NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
ADJ --	ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
G1	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.
G2	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
OL	CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
PIP --	PROTECT IN PLACE, DESCRIPTION PER PLAN.
REM SGN	REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
REM MED	REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
REC LOC	RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
R I	REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCESS PRIOR TO CONSTRUCTION.
[illegible]	~~CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
~~R&R AC~~	~~REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE~~
R&R PCC	REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
CAB	EXISTING CABLE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE CABLE COMPANY
W1	WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
W2	WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
E1	ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
REL SL	EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
TR	FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
TEL	EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
~~WM IRR~~	~~EXISTING WATER METER TO BE USED BY CONTRACTOR FOR PROPOSED IRRIGATION.~~ △1
BL WALL	CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET 17A △1
RET WALL	CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING
SC	CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ AS GENERALLY SHOWN ON THE LANDSCAPE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE. △1
LS --	CONSTRUCT LANDSCAPE TYPE "A", "B", "C" PER CORRESPONDING DETAILS FOUND ON SHEET 16 OF THESE PLANS.
①	CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.
②	CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A OF THIS PLAN SET. △1

EXISTING TOPOGRAPHY:

Ⓢ	SANITARY SEWER M.H.
Ⓓ	STORM DRAIN M.H.
GV	WATER GATE VALE
Ⓔ	ELECTRIC M.H.
Ⓣ	TELEPHONE M.H.
WM	WATER METER
	FIRE HYDRANT
IRR	IRRIGATION METER
BO	BLOW-OFF VALVE
	TRAFFIC SIGN
PP	POWER POLE
→	GUY ANCHOR
	STREET LIGHT ON MAST ARM
ETS	ELECTRICAL TEST STATION (PIPELINE)
	PALM TREE
	MISC. TREE
○	TREE STUMP
	TOP OF SLOPE
	TOE OF SLOPE

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	(S)
WATER LINE	
GAS	
UNDERGROUND ELECTRIC	(UGE)
UNDERGROUND CABLE	(UGC)
UNDERGROUND TELEPHONE	(UGT)
OVERHEAD ELECTRIC	(OHE)
OVERHEAD CABLE	(OHC)
OVERHEAD TELEPHONE	(OHT)

Fill all cells with concrete (Typ)

CONSTRUCTION LEGEND:

	STREET CENTERLINE
	STREET R/W
968	EXISTING CONTOUR

(54.76)	EXISTING ELEVATION	STA	STREET STATION
54.76	PROPOSED ELEVATION	PI	POINT OF INTERSECTION
TC	TOP OF CURB	V.C.	VERTICAL CURVE
EP	EDGE OF PAVEMENT	BVC	BEGIN VERTICAL CURVE
FL	FLOWLINE	EVC	END VERTICAL CURVE
FS	FINISHED SURFACE	PRC	POINT OF REVERSE CURVATURE
CL	CENTERLINE	G_1	GRADE INTO VERTICAL CURVE
GB	GRADE BREAK	G_2	GRADE OUT OF VERTICAL CURVE
AC	ASPHALTIC CONCRETE	APN	ASSESSORS PARCEL NUMBER
PCC	PORTLAND CEMENT CONC.	RCP	REINFORCED CONCRETE PIPE
C&G	CURB AND GUTTER	N'LY	NORTHERLY
R/W	RIGHT OF WAY	S'LY	SOUTHERLY

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10
CIVIL

MARK	REVISIONS	APPR.	DATE
△1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	JOL	10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscaping	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

TITLE SHEET

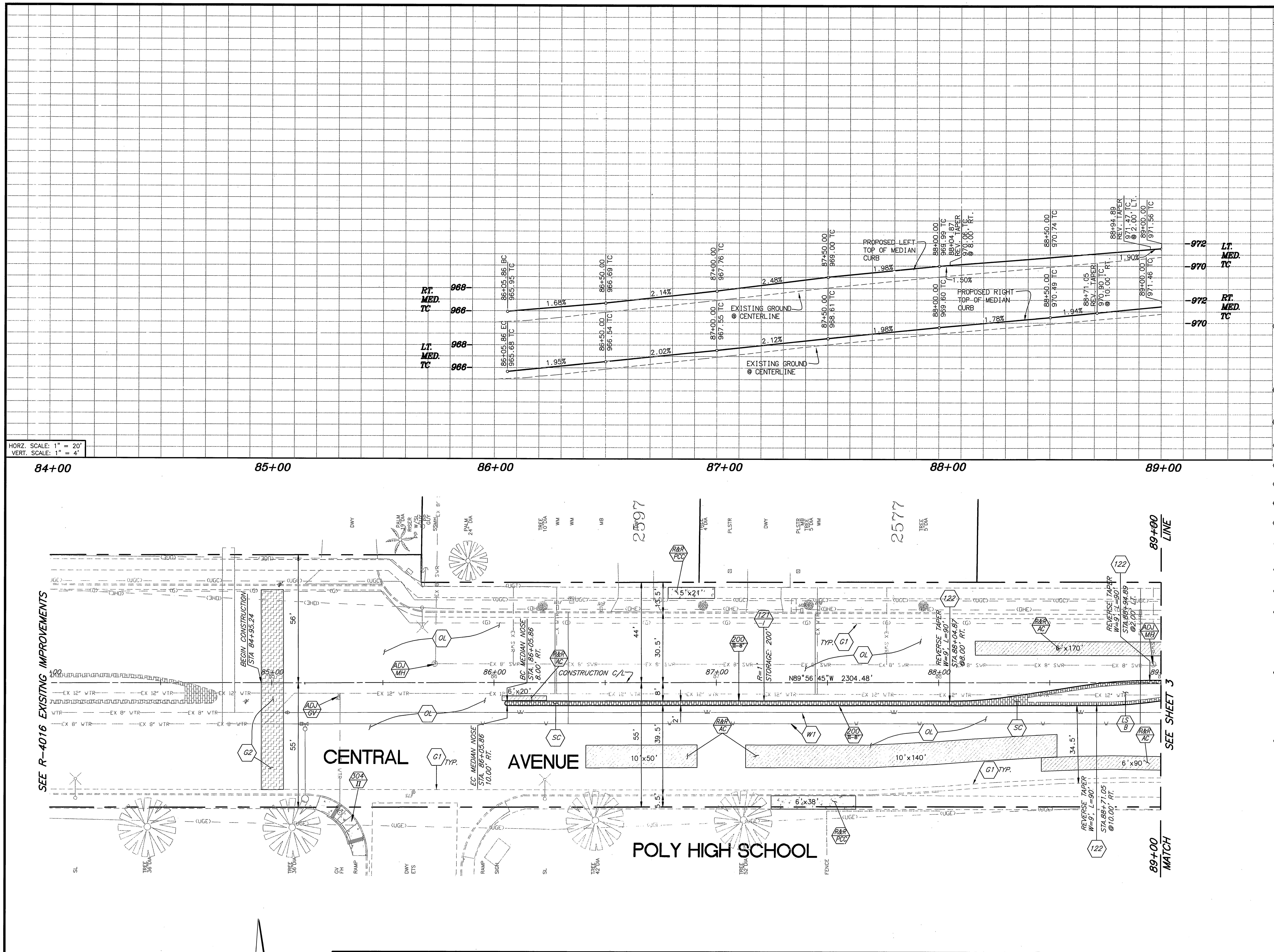
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

R-4085

SHEET 1 OF 17

FILE NO.



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BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
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DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	SCL	10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscape	JS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 85+00 TO 89+00

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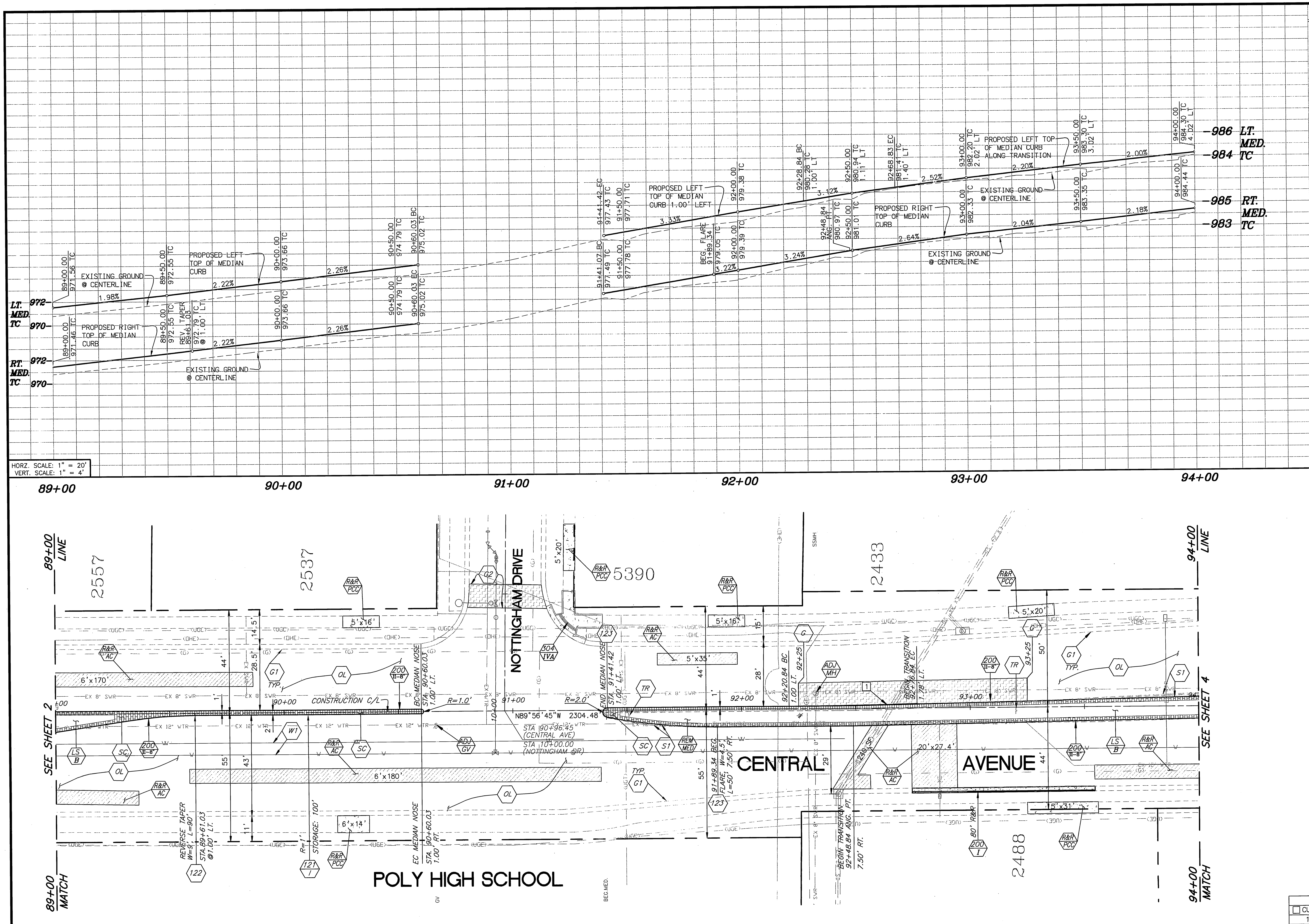
SHEET 2 OF 17

FILE NO.



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CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
1	55.98	2000.00	1°36'14"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

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DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	JCL	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	BG	10-27-08
Landscape	JS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 89+00 TO 94+00

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ACCT. NO. -
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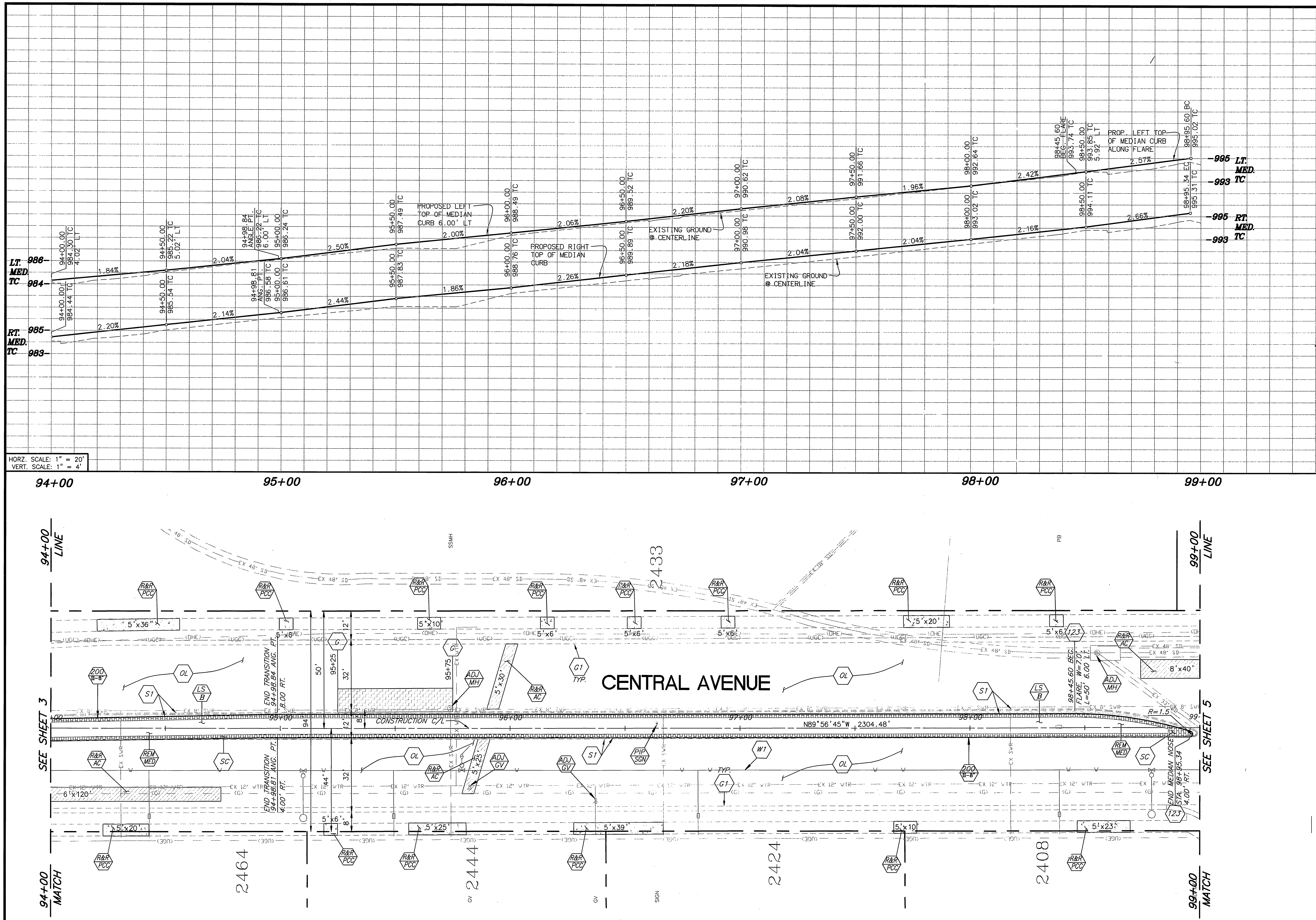
R-4085

SHEET 3 OF 17

FILE NO.



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- REM/MED REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
- REC/LOC RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
- R/I REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
- ~~S1 CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
- ~~R&R/AC REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE.~~
- R&R/PCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
- W1 WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
- W2 WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- E1 ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
- REL/SL EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
- ~~WM/IRR EXISTING WATER METER TO BE USED BY CONTRACTOR FOR PROPOSED IRRIGATION.~~ △1
- BL/WALL CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET 17A △1
- RET/WALL CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING
- SC CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ △1 AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE.
- LS/-- CONSTRUCT LANDSCAPE TYPE "A", "B", "C" PER CORRESPONDING DETAILS FOUND ON SHEET 16 OF THESE PLANS.
- ① CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.
- ② CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A △1 OF THIS PLAN SET.

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	[illegible]	10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	[illegible]	10-27-08
Landscape	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 94+00 TO 99+00

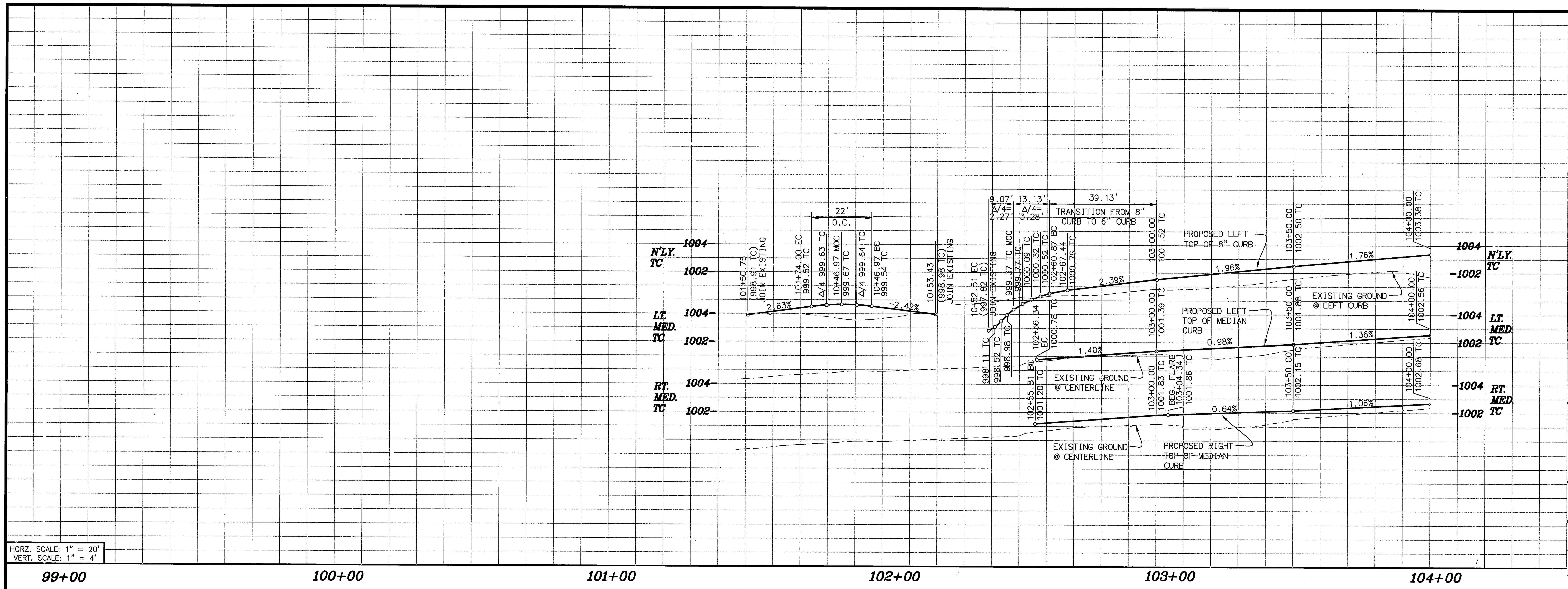
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

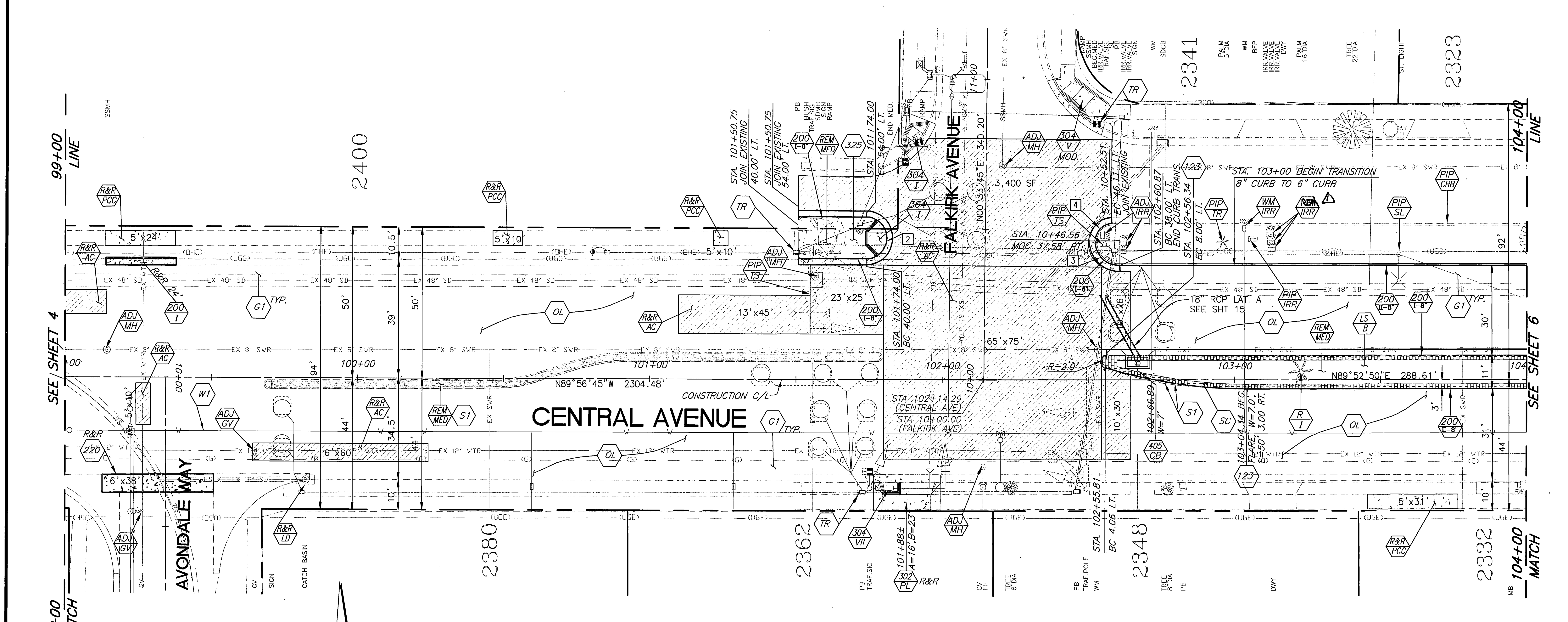
ACCT. NO. -
W.O. NO. -

R-4085

SHEET 4 OF 17

FILE NO.





CONSTRUCTION NOTES:

⬢	NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
ADJ / --	ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
G1	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1 BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.
G2	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
OL	CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
PIP / --	PROTECT IN PLACE, DESCRIPTION PER PLAN.
REM / SGN	REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
REM / MED	REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
REC / LOC	RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
R / I	REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
~~S1~~	~~CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
~~R&R / AC~~	~~REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE.~~
R&R / PCC	REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
W1	WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
W2	WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
E1	ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
REL / SL	EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
TR	FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
TEL	EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
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BL / WALL	CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET 17A △1
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②	CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A △1 OF THIS PLAN SET.
WM / IRR	SEE SHEET 17A △1

CURVE TABLE			
☐ CURVE	LENGTH	RADIUS	DELTA
1	55.98	2000.00	1°36'14"
2	21.99	7.00	180°00'00"
3	13.13	8.00	94°01'43"
4	9.07	6.00	86°36'41"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian

MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
△1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	gef	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscape	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 99+00 TO 104+00

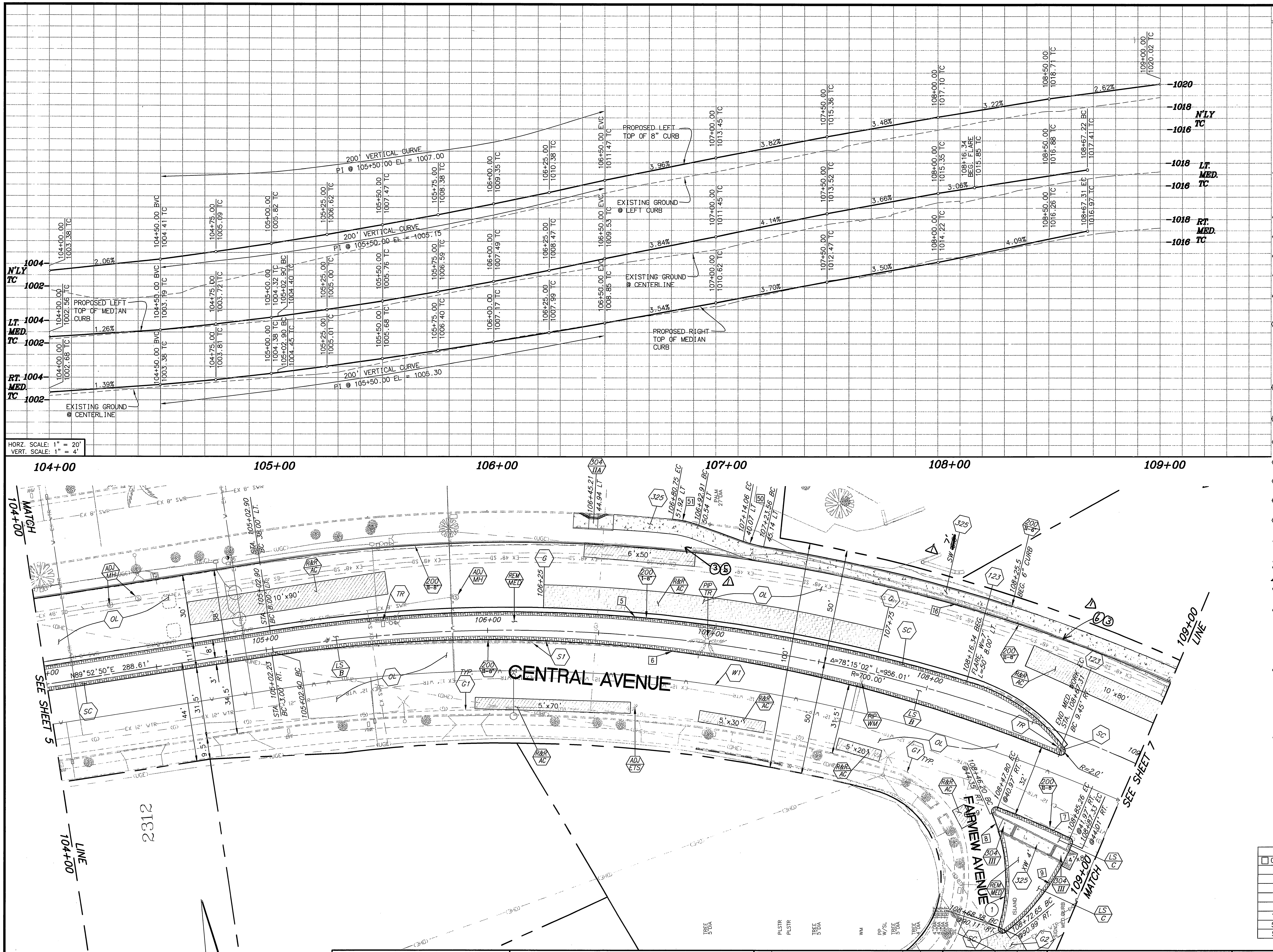
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

R-4085

SHEET 5 OF 17

FILE NO.



CONSTRUCTION NOTES:

⬢	NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
ADJ --	ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
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G2	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
OL	CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
PIP --	PROTECT IN PLACE, DESCRIPTION PER PLAN.
REM SGN	REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
REM MED	REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
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R I	REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
~~S~~	~~CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
~~R&R AC~~	~~REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE~~
R&R PCC	REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
W1	WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
W2	WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
E1	ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
REL SL	EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
TR	FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
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SC	CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE. △1
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②	CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A OF THIS PLAN SET. △1

③⑤⑥ SEE SHEET 17A

CURVE TABLE			
☐ CURVE	LENGTH	RADIUS	DELTA
5	317.02	708.00	25°39'17"
6	361.21	670.00	30°53'20"
7	35.25	638.00	3°09'57"
8	51.07	70.00	41°48'06"
9	49.32	100.00	28°15'21"
16	620.75	740.00	48°03'45"
50	9.5	50.00	10°53'11"
51	12.16	50.00	13°56'00"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

MICHAEL KATUSIAN
No. 36686
Exp. 6-30-10
CIVIL

MARK	REVISIONS	APPR.	DATE
△1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	JCF	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.		10-27-08
Landscape	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 104+00 TO 109+00

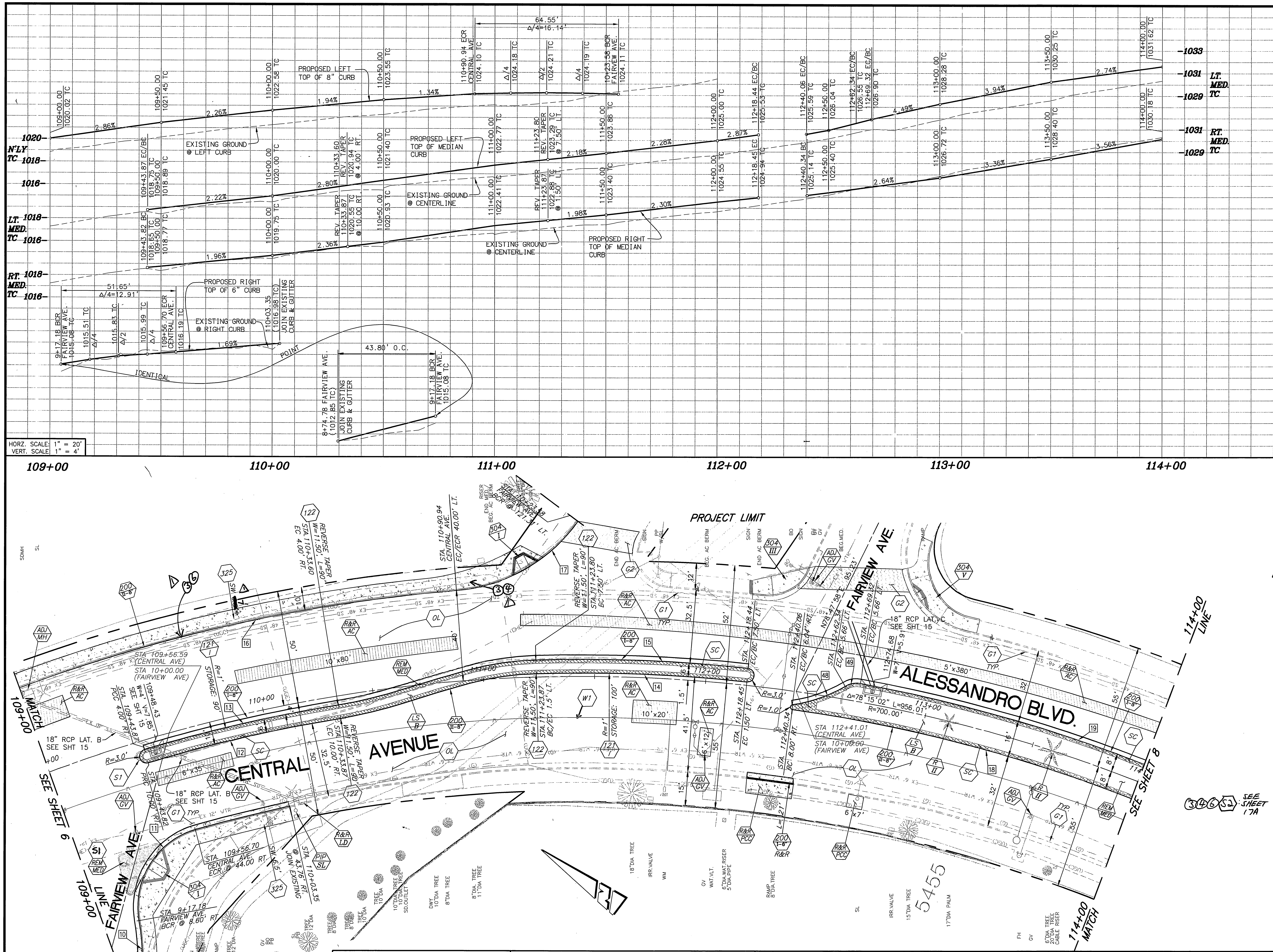
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

R-4085

SHEET 6 OF 17

FILE NO.



CONSTRUCTION NOTES:

⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

ADJ/-- ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.

G1 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1 BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.

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OL CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.

PIP/-- PROTECT IN PLACE, DESCRIPTION PER PLAN.

REM/SGN REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)

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REC/LOC RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405

R/I REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.

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W1 WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.

W2 WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.

E1 ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.

REL/SL EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.

TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.

TEL EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.

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BL/WALL CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET 17A 1

RET/WALL CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING

SC CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ 1 AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE.

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① CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.

② CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A OF THIS PLAN SET. 1

CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
10	43.80	100.00	25°05'42"
11	51.65	35.00	84°32'40"
12	88.76	690.00	7°22'15"
13	89.25	696.00	7°20'51"
14	94.85	701.50	7°44'50"
15	95.66	707.50	7°44'47"
16	620.75	740.00	48°03'45"
17	64.55	75.00	49°18'49"
18	190.00	692.00	15°43'55"
19	192.34	708.00	15°33'55"
48	25.31	65.00	22°18'30"
49	7.03	10.00	40°17'48"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
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MARK	REVISIONS	APPR.	DATE
1	ADDENDUM No. 1 REVISION	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	JCS	10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscape	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 109+00 TO 114+00

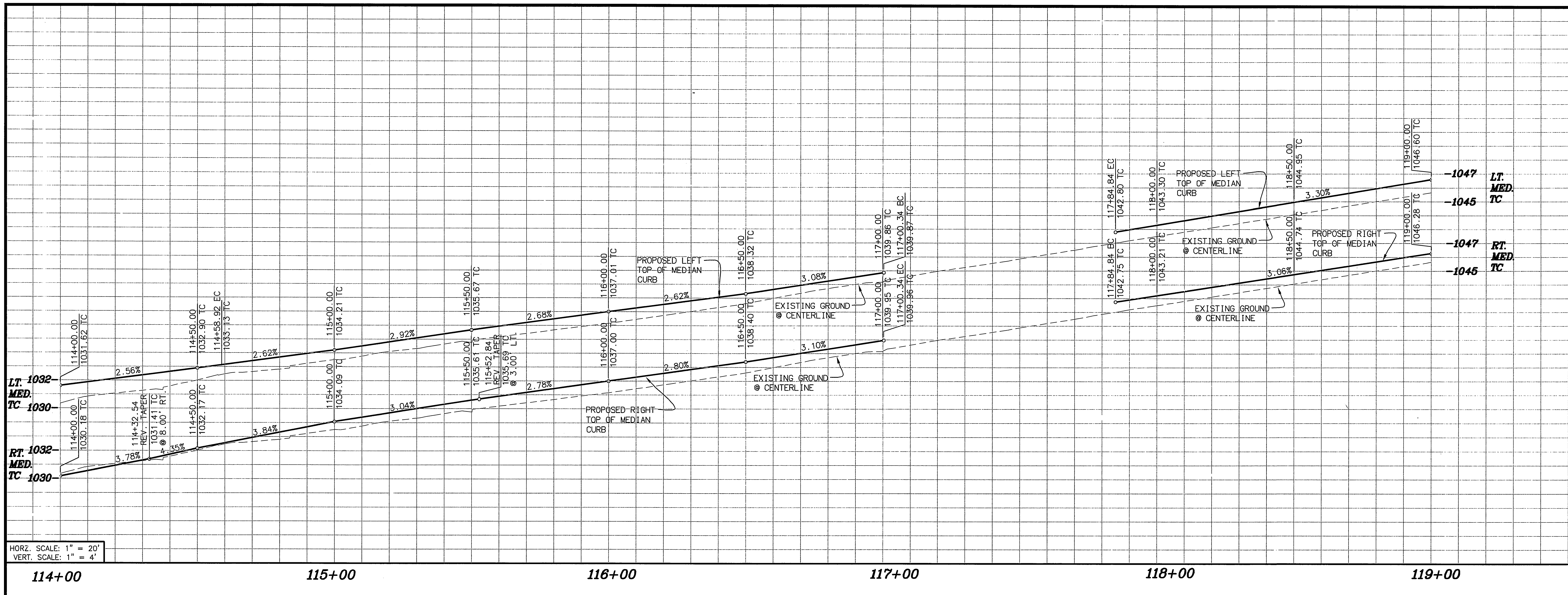
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

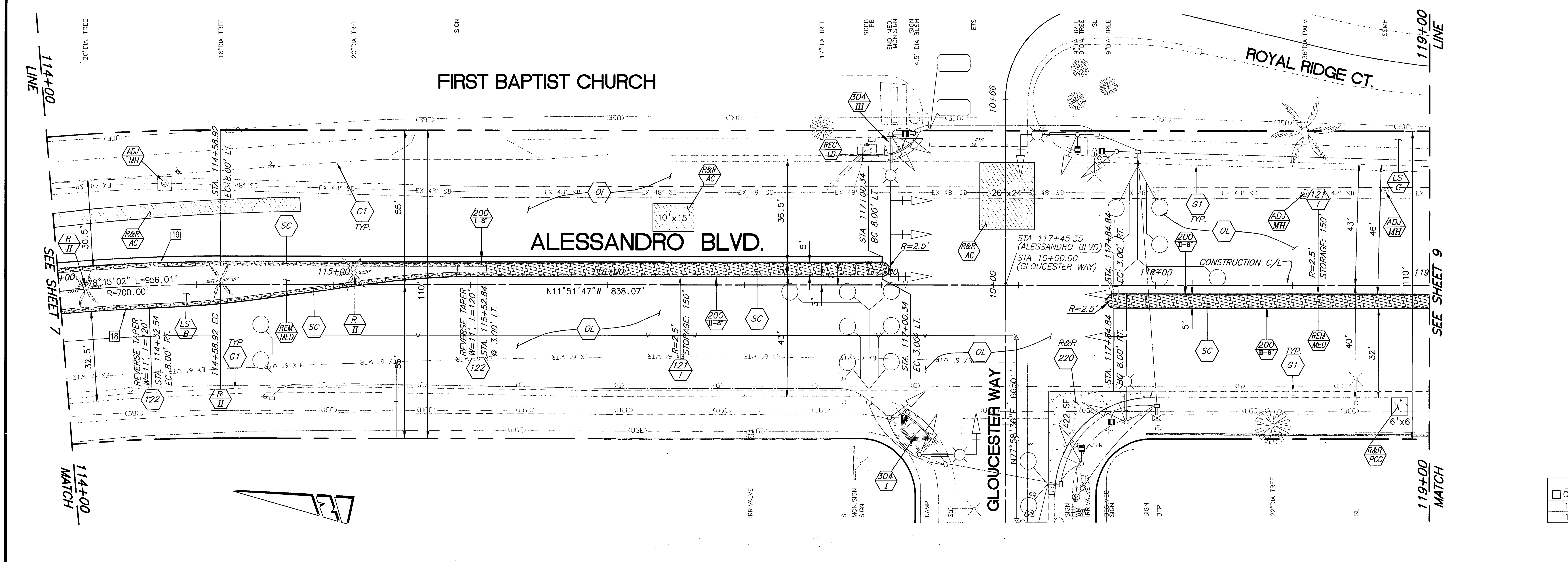
ACCT. NO. -
W.O. NO. -

R-4085

SHEET 7 OF 17

FILE NO.





CURVE	LENGTH	RADIUS	DELTA
18	190.00	692.00	15°43'55"
19	192.34	708.00	15°33'55"

CONSTRUCTION NOTES:

- ⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ/-- ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
- G1 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1 BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
- OL CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
- PIP/-- PROTECT IN PLACE, DESCRIPTION PER PLAN.
- REM/SGN REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
- REM/MED REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
- REC/LOC RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
- R/I REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
- ~~S CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
- ~~R&R/AC REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE~~
- R&R/PCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
- W1 WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
- W2 WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- E1 ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
- REL/SL EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
- TR FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
- ~~WM/IRR EXISTING WATER METER TO BE USED BY CONTRACTOR FOR PROPOSED IRRIGATION.~~ △1
- BL/WALL CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET ~~17~~A △1
- RET/WALL CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING
- SC CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ △1 AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE.
- LS/-- CONSTRUCT LANDSCAPE TYPE "A", "B", "C" PER CORRESPONDING DETAILS FOUND ON SHEET 16 OF THESE PLANS.
- ① CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.
- ② CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A △1 OF THIS PLAN SET.

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
△1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	JCF	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	RG	10-27-08
Landscape	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 114+00 TO STA 119+00 △1

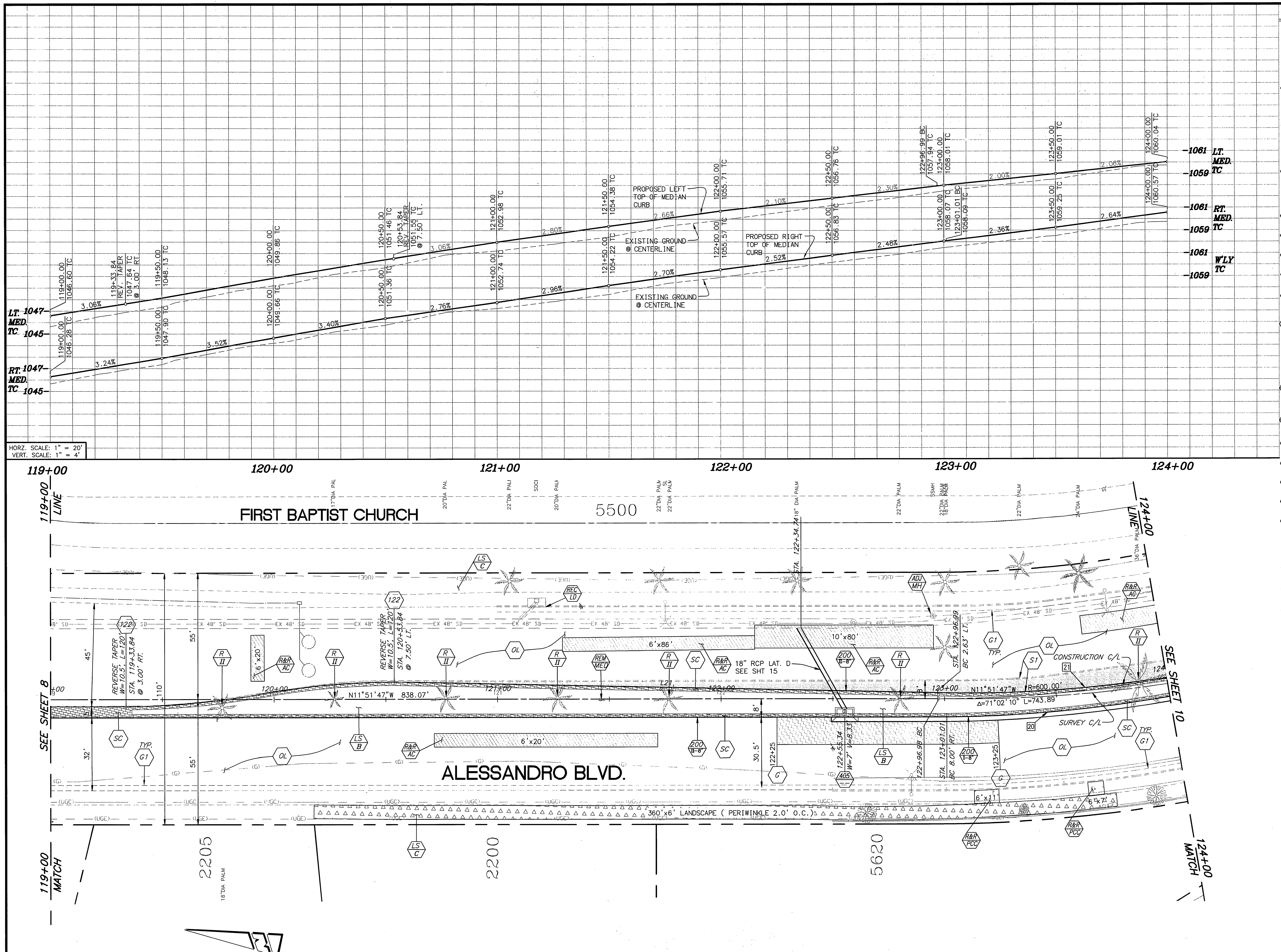
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

R-4085

SHEET 8 OF 17

FILE NO.



CONSTRUCTION NOTES:

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- OL CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
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- ~~S1 CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
- ~~R&R/AC REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE.~~
- R&R/PCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
- W1 WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
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- ② CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A OF THIS PLAN SET. △1

CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
20	312.14	608.00	29°24'53"
21	298.43	600.32	28°28'59"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
△1	ADDENDUM No.1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	[illegible]	10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscape	JES	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 119+00 TO STA 124+00 △1

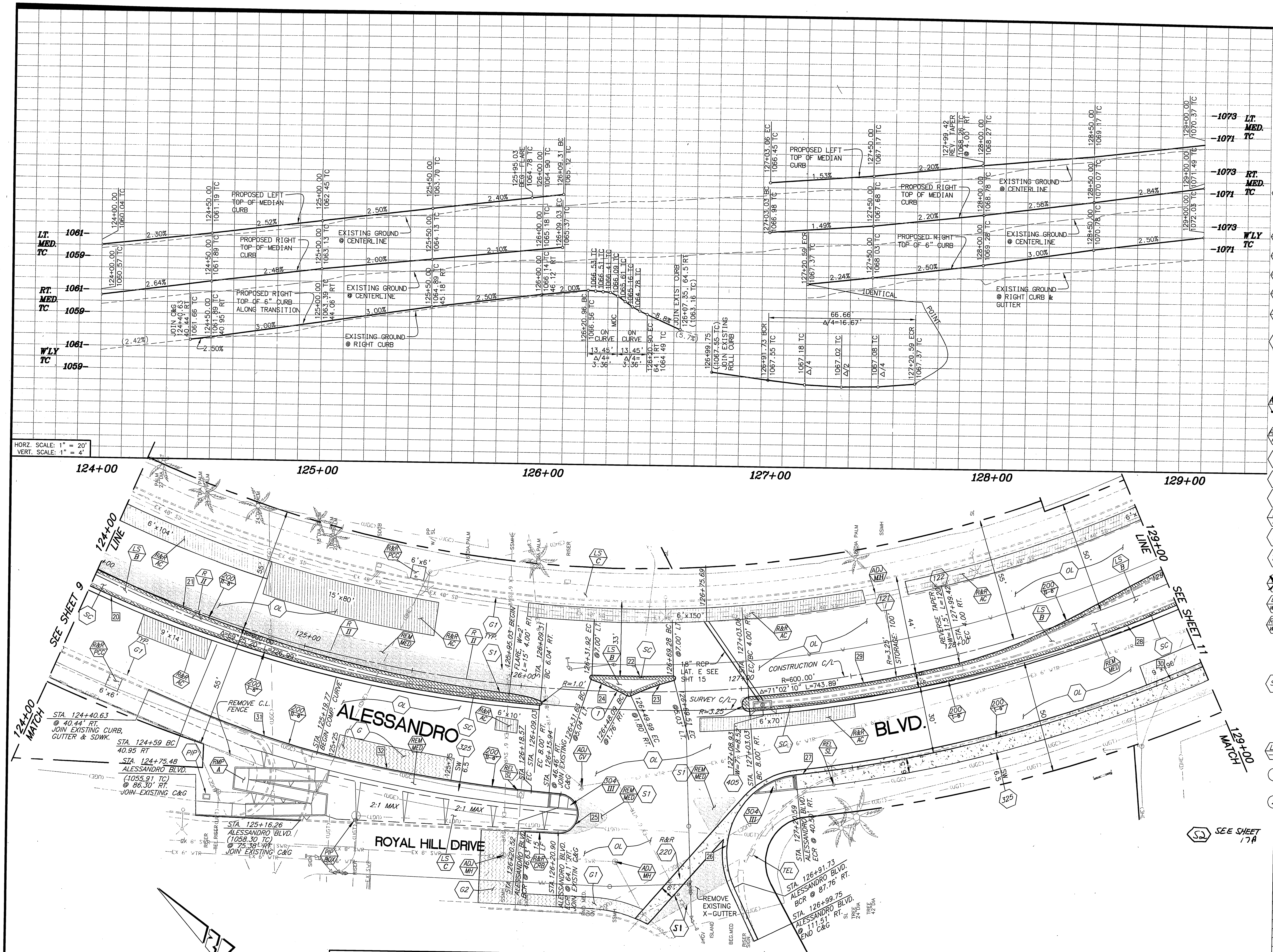
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

R-4085

SHEET 9 OF 17

FILE NO.



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REM/MED REMOVE &/REPLACE EXIST. MEDIAN PER PLAN

REC/LOC RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405

R/I REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"–18", CLASS II 18"–36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.

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~~R&R/AC REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH–GG–C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B–PG–64–10 OVER 0.75' CRUSHED MISCELLANEOUS BASE.~~

R&R/PCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325

W1 WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.

W2 WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.

E1 ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.

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BL/WALL CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET 17A △1

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CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
20	312.14	608.00	29°24'53"
21	298.43	600.32	28°28'59"
22	36.92	593.00	3°34'03"
23	20.74	116.00	10°14'46"
24 –	17.79	100.00	10°11'36"
25	27.51	8.76	180°00'00"
26	66.66	35.00	109°07'11"
27	25.89	640.50	2°18'57"
28	343.75	610.50	32°15'40"
29	97.00	604.00	9°12'07"
30	316.01	640.50	28°16'08"
31	60.77	400.00	8°42'18"
32	98.80	640.00	8°50'42"

BENCHMARK H7–C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7–C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6–30–10
CIVIL

MARK	REVISIONS	APPR	DATE
△1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	–	–
SURVEYOR	CS	10/27/08
STREET SERVICES	gof	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscape	JES	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF
VICTORIA AVE. TO ARLINGTON AVE.

STA 124+00 TO STA 129+00 △1

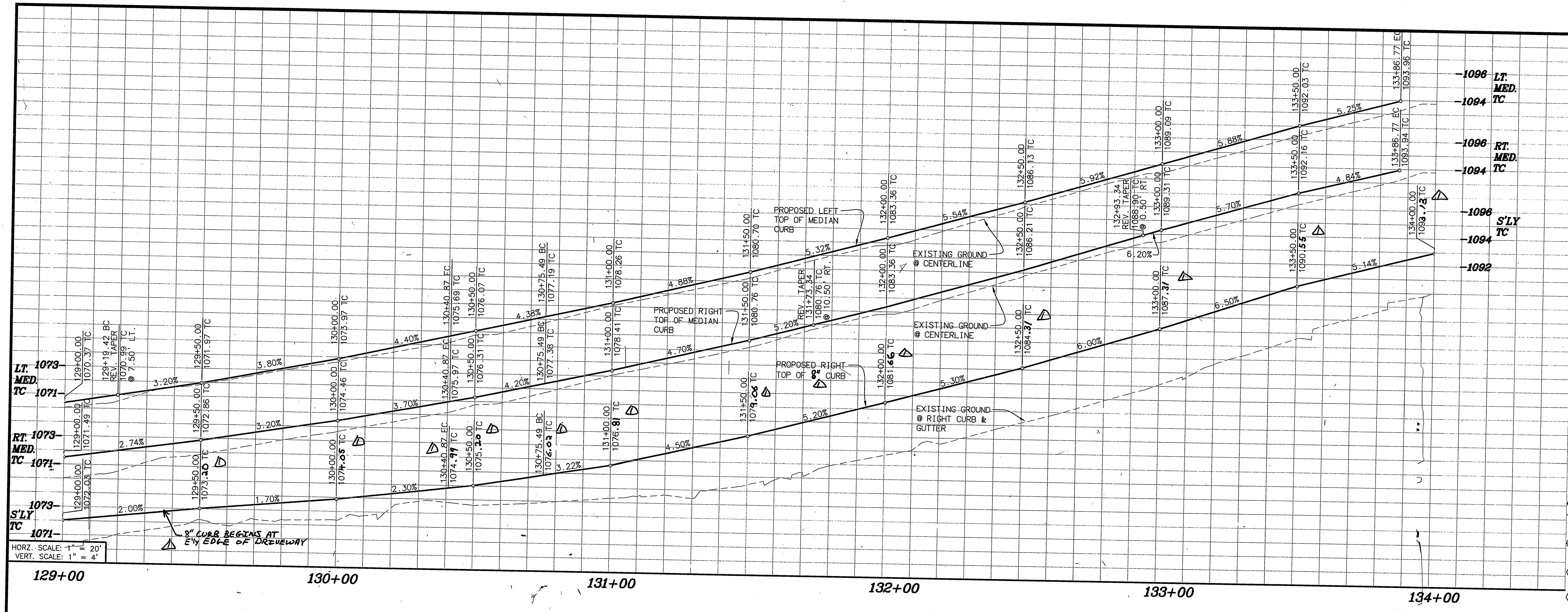
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

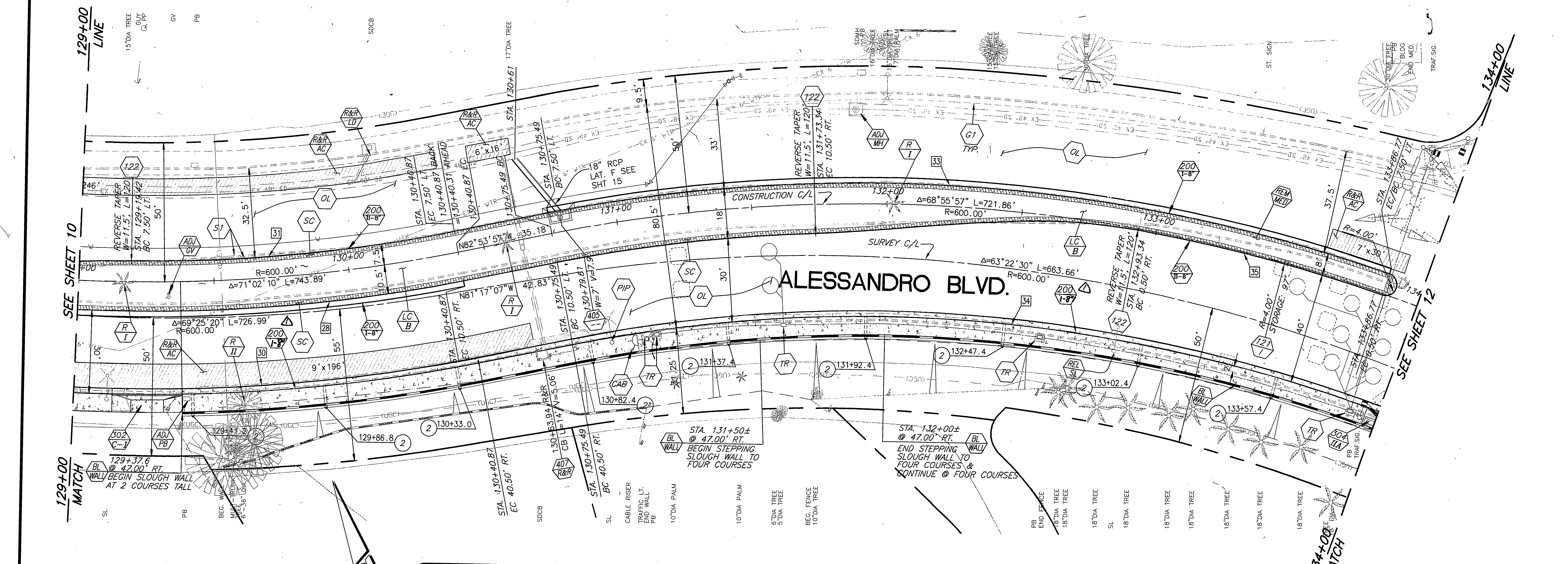
ACCT. NO. –
W.O. NO. –

R–4085

SHEET 10 OF 17

FILE NO.





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E1	ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
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BL / WALL	CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET 17A △1
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CURVE TABLE			
☐ CURVE	LENGTH	RADIUS	DELTA
28	343.75	610.50	32°15'40"
30	316.01	640.50	28°16'08"
31	119.94	592.50	11°35'53"
32	96.14	589.50	9°20'39"
33	315.17	607.50	29°43'30"
34	673.13	559.50	68°55'57"
35	93.35	599.50	8°55'18"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	cj	10/27/08
STREET SERVICES		10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SG	10-27-08
Landscape	CS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS

CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 129+00 TO STA 134+00 △1

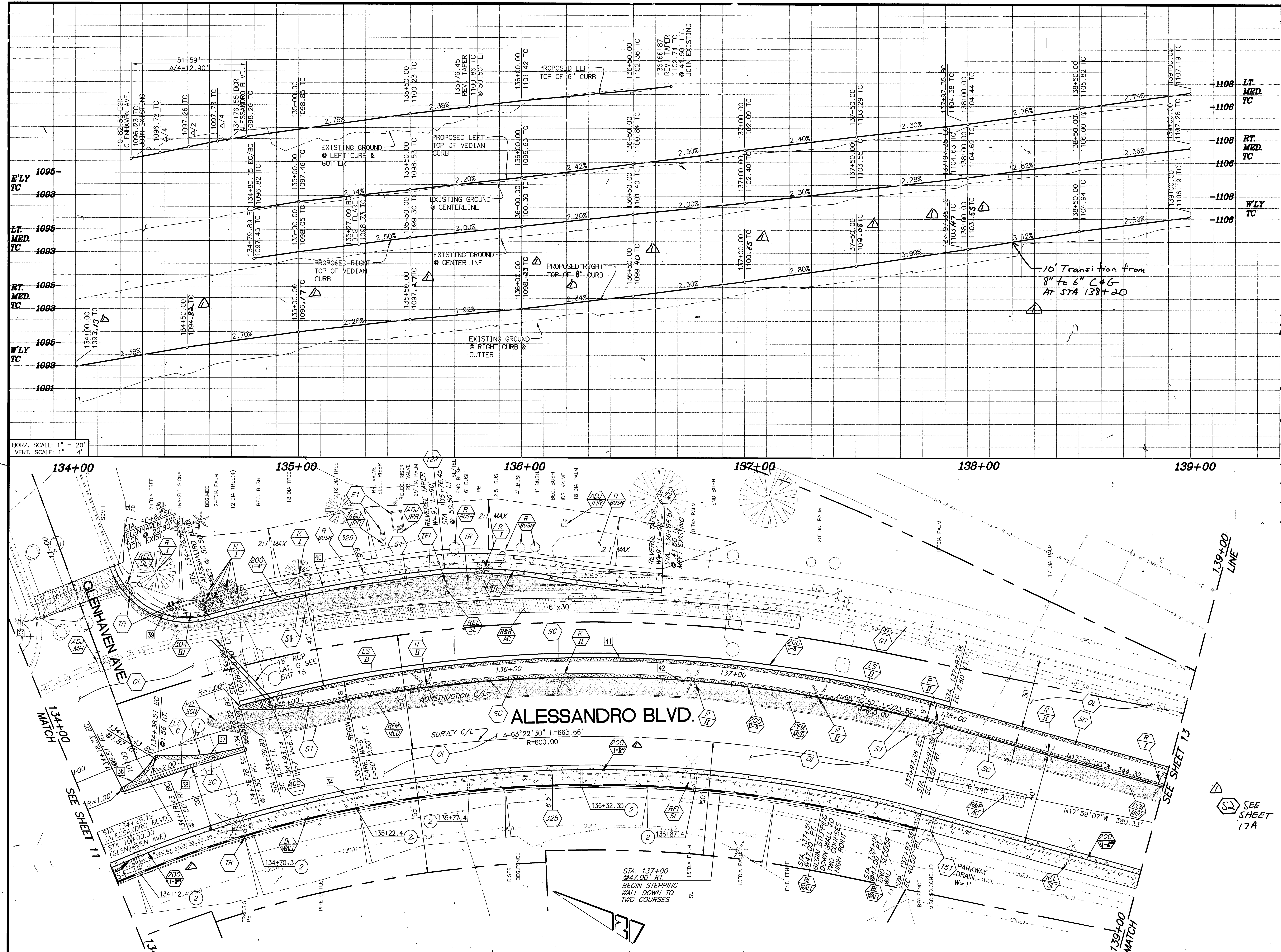
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

R-4085

SHEET 11 OF 17

FILE NO.



CONSTRUCTION NOTES:

⬢	NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
ADJ / --	ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
G1	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1 BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.
G2	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
OL	CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
PIP / --	PROTECT IN PLACE, DESCRIPTION PER PLAN.
REM / SGN	REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
REM / MED	REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
REC / LOC	RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
R / I	REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
~~S1~~	~~CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ ⚠1
~~R&R / AC~~	~~REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE.~~
R&R / PCC	REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
W1	WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
W2	WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
E1	ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
REL / SL	EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
TR	FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
TEL	EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
~~WM / IRR~~	~~EXISTING WATER METER TO BE USED BY CONTRACTOR FOR PROPOSED IRRIGATION.~~ ⚠1
BL / WALL	CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET ⚠1 17A
RET / WALL	CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING
SC	CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ ⚠1 AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE.
LS / --	CONSTRUCT LANDSCAPE TYPE "A", "B", "C" PER CORRESPONDING DETAILS FOUND ON SHEET 16 OF THESE PLANS.
①	CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.
②	CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET ⚠1 17A OF THIS PLAN SET.

CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
34	673.13	559.50	68°55'57"
36	19.75	35.00	32°20'12"
37	38.92	120.00	18°34'51"
38	57.23	588.50	5°34'19"
39	51.59	35.00	84°27'29"
40	108.31	650.50	9°32'23"
41	321.69	608.50	30°17'23"
42	270.26	600.00	25°48'29"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian

MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
⚠1	ADDENDUM NO. REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR		10/27/08
STREET SERVICES		10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.		10-27-08
Landscape		10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 134+00 TO STA 139+00 ⚠1

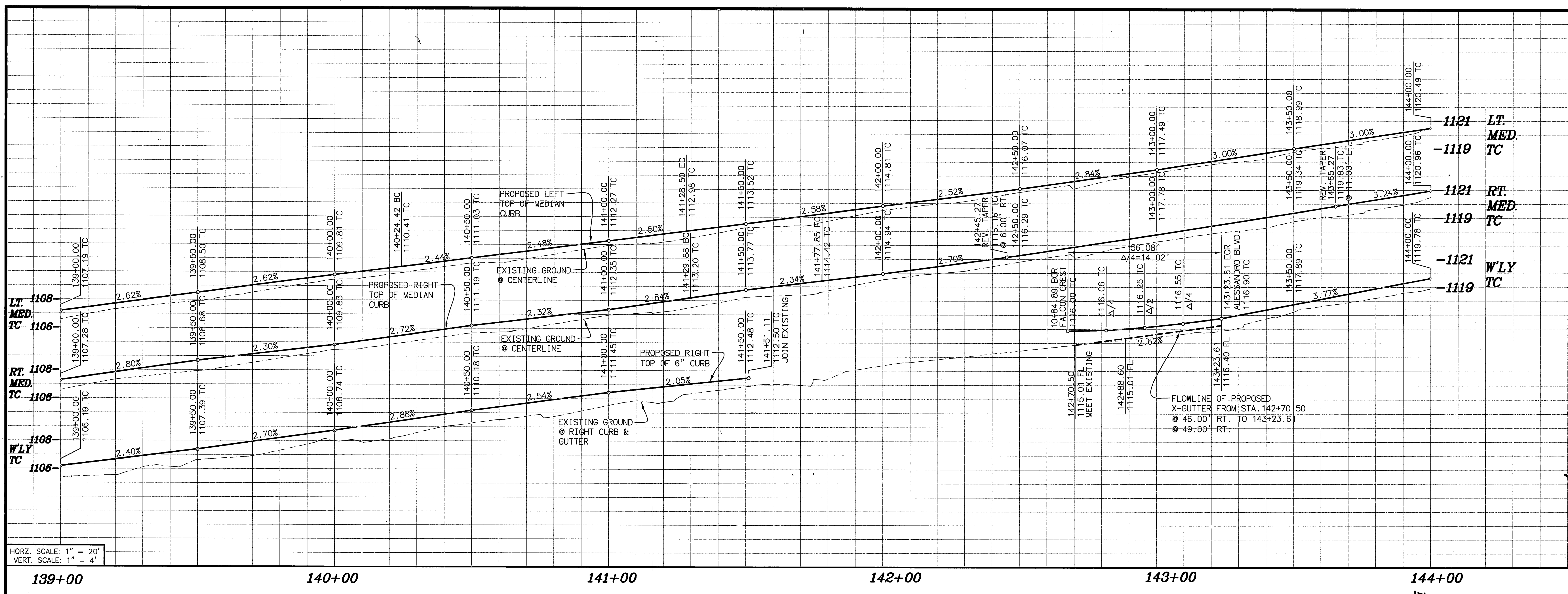
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

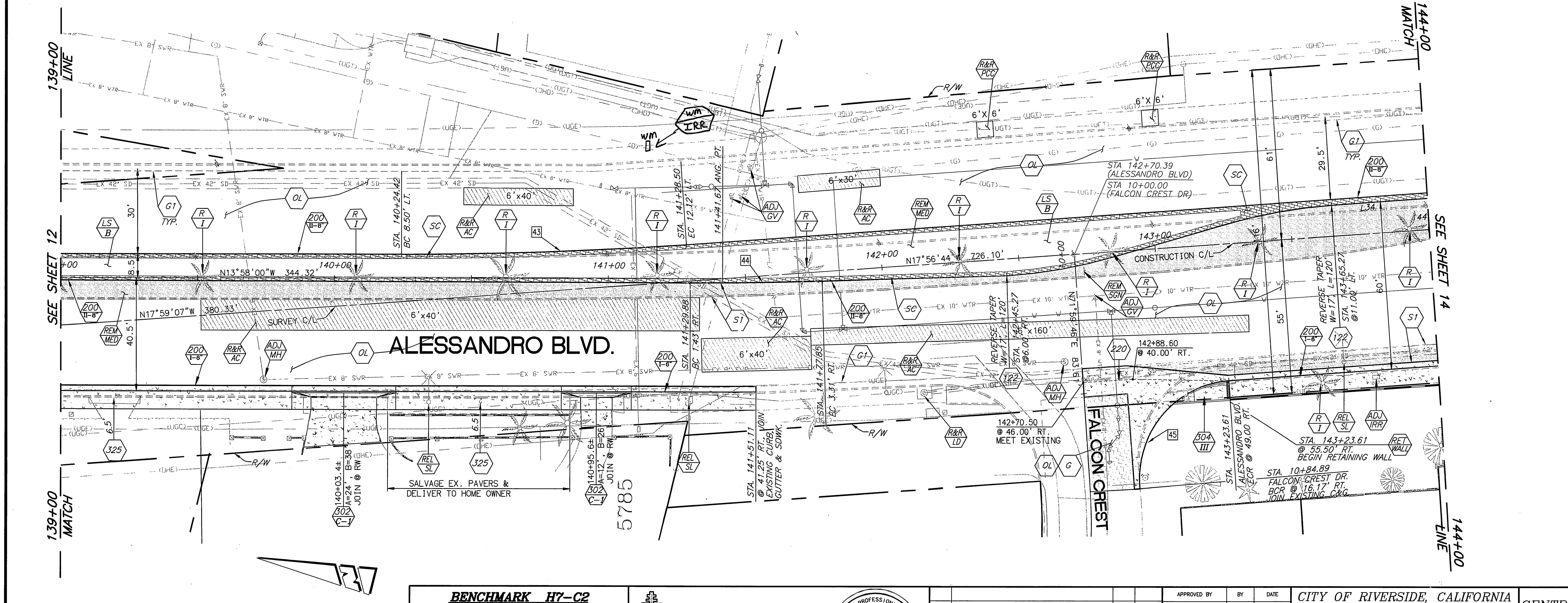
ACCT. NO. -
W.O. NO. -

R-4085

SHEET 12 OF 17

FILE NO.





CONSTRUCTION NOTES:

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ/-- ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
- G1 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1 BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.
- G2 COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1' OVER 10'.
- OL CONSTRUCT VARIABLE THICKNESS A.R.H.M.-GG AC OVERLAY (0.10' MIN. THICKNESS). THICKNESS OF VARIABLE OVERLAY SHALL BE 0.1' MIN. AND 0.2' MAX. WHERE VARIABLE OVERLAY EXCEEDS 0.2' A 0.1' MIN D.G.A.C. LEVELING COURSE SHALL BE PROVIDED.
- PIP/-- PROTECT IN PLACE, DESCRIPTION PER PLAN.
- REM/SGN REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
- REM/MED REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
- REC/LOC RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
- R/I REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
- ~~S1 CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ Δ1
- ~~R&R/AC REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE~~
- R&R/PCC REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
- W1 WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
- W2 WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
- E1 ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
- REL/SL EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
- TR FOR RELOCATION/REMOVAL ~~OF~~ TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
- TEL EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
- ~~WM/IRR EXISTING WATER METER TO BE USED BY CONTRACTOR FOR PROPOSED IRRIGATION.~~ Δ1
- BL/WALL CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET Δ1 17A
- RET/WALL CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING
- SC CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ Δ1 AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE.
- LS/-- CONSTRUCT LANDSCAPE TYPE "A", "B", "C" PER CORRESPONDING DETAILS FOUND ON SHEET 16 OF THESE PLANS.
- ① CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.
- ② CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A Δ1 OF THIS PLAN SET.
- WM/IRR SEE SHEET 17A

CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
43	104.17	1500.00	3°58'44"
44	48.11	1500.00	1°50'15"
45	56.08	35.00	91°48'30"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian

MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
Δ1	ADDENDUM No.1 REVISIONS	MK	11/10/0

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	SCR	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	XG	10-27-08
Landscape	XS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 139+00 TO STA 144+00 Δ1

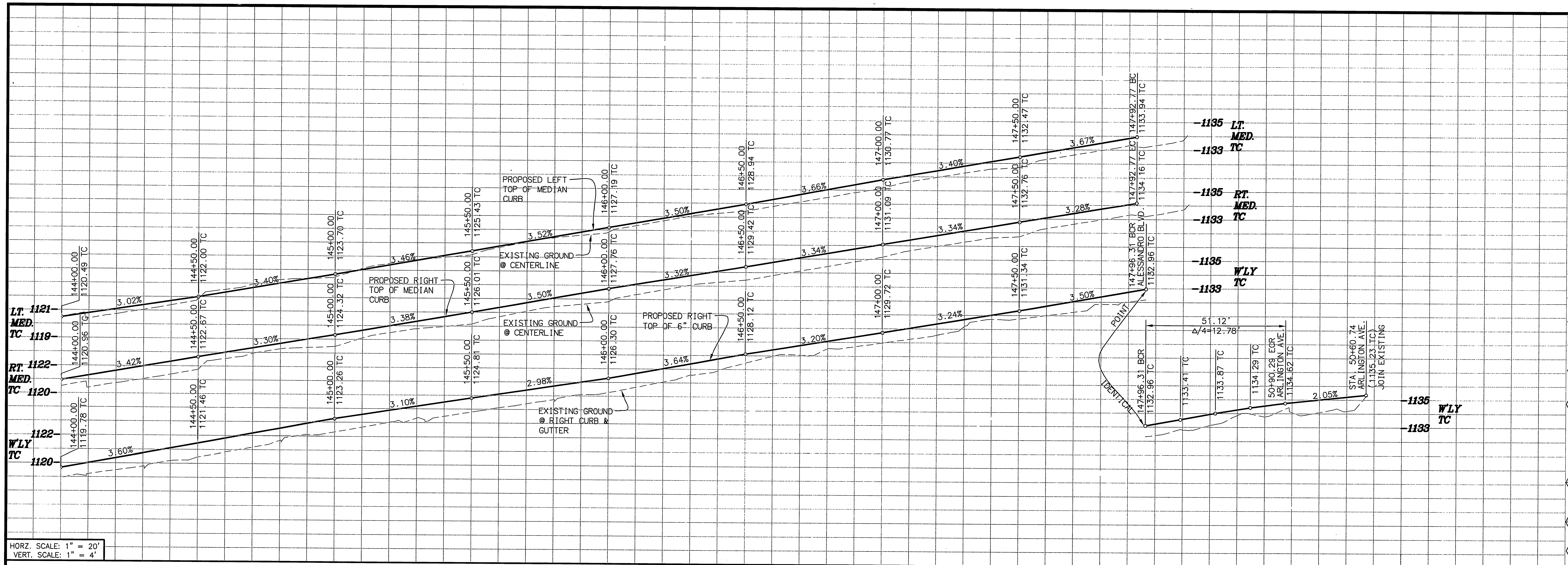
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

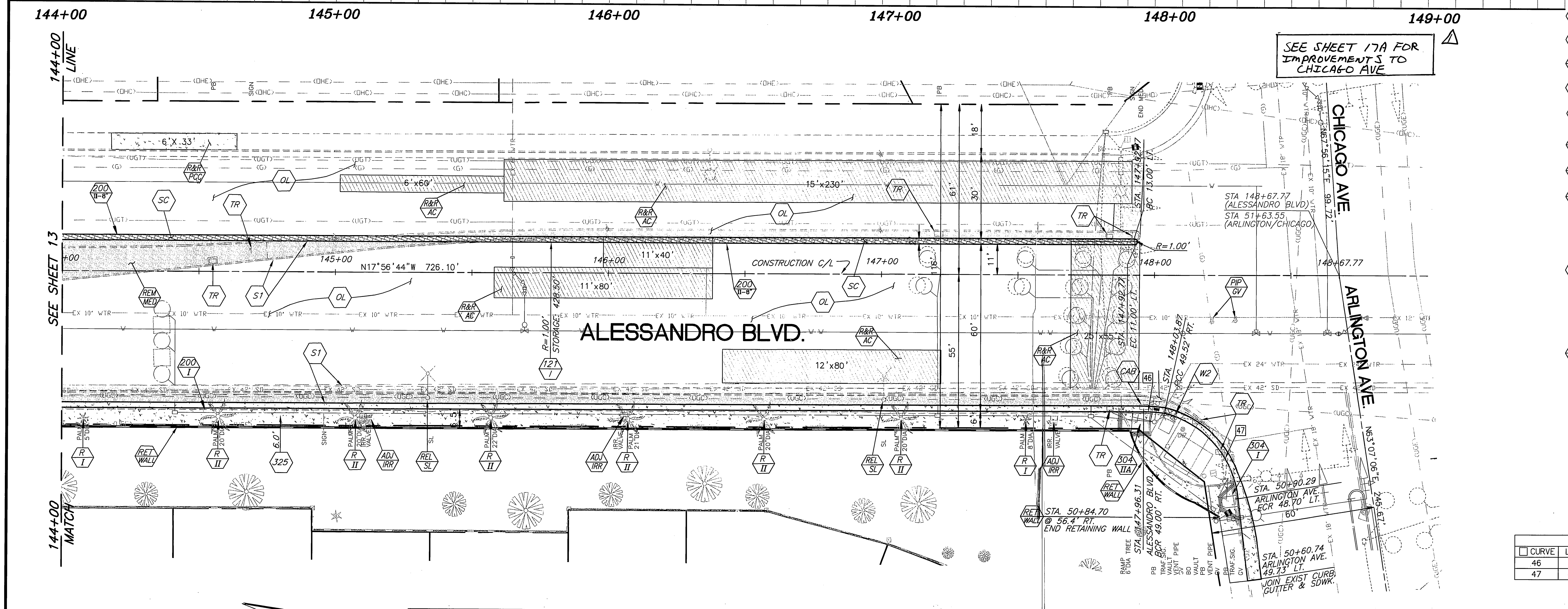
ACCT. NO. -
W.O. NO. -

R-4085

SHEET 13 OF 17

FILE NO.





CONSTRUCTION NOTES:

⬢	NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
ADJ --	ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH) SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE. (WM) WATER METER OR VAULT. (IRR) IRRIGATION FACILITIES. (GV) GATE VALVE. (PB) PULL BOX.
G1	COLD MILL EXISTING A.C. PAVEMENT TO A MIN. DEPTH OF 0.1 BELOW GUTTER LIP OR OUTER EDGE, "DAYLIGHTING" WITH A STRAIGHT GRADE IN 10'.
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PIP --	PROTECT IN PLACE, DESCRIPTION PER PLAN.
REM SGN	REMOVE &/OR RELOCATE EXIST. SIGN(SEE TRAFFIC PLANS)
REM MED	REMOVE &/REPLACE EXIST. MEDIAN PER PLAN
REC LOC	RECONTRUCT CATCH BASIN LOCAL DEPRESSION PER CITY STD. 405
R I	REMOVE BUSHES/TREES AS NEEDED, (CLASS I 6"-18", CLASS II 18"-36", CLASS III OVER 36"). ALL TREES TO BE REMOVED BY CITY FORCES PRIOR TO CONSTRUCTION.
~~S1~~	~~CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE. IN AREAS OF EXISTING MEDIAN REMOCAL, FOLLOWING REMOVAL OF MEDIAN CURB PLACE COLD-MILLED AC (COMPACTED TO 90% RELATIVE COMPACTION) TO BUILD UP THE SUBGRADE TO THE BOTTOM OF THE NEW PAVEMENT.~~ △1
~~R&R AC~~	~~REMOVE FAILED AC PAVEMENT AND CONSTRUCT MIN. 0.1" ARHH-GG-C GAP OVER 0.42' FULL DEPTH AC PAVEMENT, B-PG-64-10 OVER 0.75' CRUSHED MISCELLANEOUS BASE~~
R&R PCC	REMOVE FAILED OR DECAYED PCC SIDEWALK AND CONSTRUCT NEW SIDEWALK PER PLANS AND CITY STD 325
W1	WATER FACILITIES TO BE CONSTRUCTED BY CONTRACTOR.
W2	WATER FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION.
E1	ELECTRIC FACILITIES TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION AS NEEDED.
REL SL	EXISTING STREET LIGHT TO BE RE-LOCATED BY CONTRACTOR AS NEEDED.
TR	FOR RELOCATION/REMOVAL OF TRAFFIC FACILITY, SEE SIGNAL AND STRIPING PLANS.
TEL	EXISTING TELEPHONE FACILITY TO BE ADJUSTED TO GRADE OR RELOCATED AS NECESSARY BY THE TELEPHONE COMPANY.
~~WM IRR~~	~~EXISTING WATER METER TO BE USED BY CONTRACTOR FOR PROPOSED IRRIGATION.~~ △1
BL WALL	CONSTRUCT CONCRETE BLOCK SLOUGH WALL PER DETAIL SHOWN ON SHEET △1 17A
RET WALL	CONSTRUCT 12" TO 18" TALL DECORATIVE SPLIT FACE (6"X8"X16" GREY CONCRETE BLOCK) RETAINING WALL PER CITY STD. DWG. NO. 708 AT BACK OF SIDEWALK. TOP OF FOOTING SHALL BE AT LEAST 3.5" BELOW FINISHED SURFACE AND SHOULD BE PLACED AT SAME GRADE AS STREET. WALL SHALL HAVE MATCHING SPLIT FACE DECORATIVE CAP. TOP OF FOOTING
SC	CONSTRUCT 3.5" COLORED STAMPED CONCRETE: 1'-WIDE BAND AT THE PERIMETER MEDIAN CURB AND ADDITIONALLY AT MEDIAN NOSES ~~AND IN INTERMITTENT TRANSVERSE BANDS (5' WIDE)~~ △1 AS GENERALLY SHOWN ON THE LANDSCAE DETAIL PLAN. COLOR SHALL BE L.M. SCOFIELD COMPANY, COLOR CHART A-312.10 QUARRY RED. PATTERN SHALL BE A LOW PROFILE, LOW WAFFLE MOMANITE 12"x12" TILE.
LS --	CONSTRUCT LANDSCAPE TYPE "A", "B", "C" PER CORRESPONDING DETAILS FOUND ON SHEET 16 OF THESE PLANS.
①	CONSTRUCT MEDIAN CURB ON TOP OF FINISHED SURFACE. CURB HEIGHT SHALL BE .77' FROM EXISTING PAVEMENT SURFACE.
②	CONSTRUCT PCC INLET WITH CURB OUTLET AS DESCRIBED ON SHEET 17A △1 OF THIS PLAN SET.

CURVE TABLE

☐ CURVE	LENGTH	RADIUS	DELTA
46	7.58	55.00	7°53'45"
47	43.54	35.00	71°16'55"

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian

MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
△1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	cs	10/27/08
STREET SERVICES	SCR	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	BL	10-27-08
Landscape	JS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STA 144+00 TO STA 148+50 △1

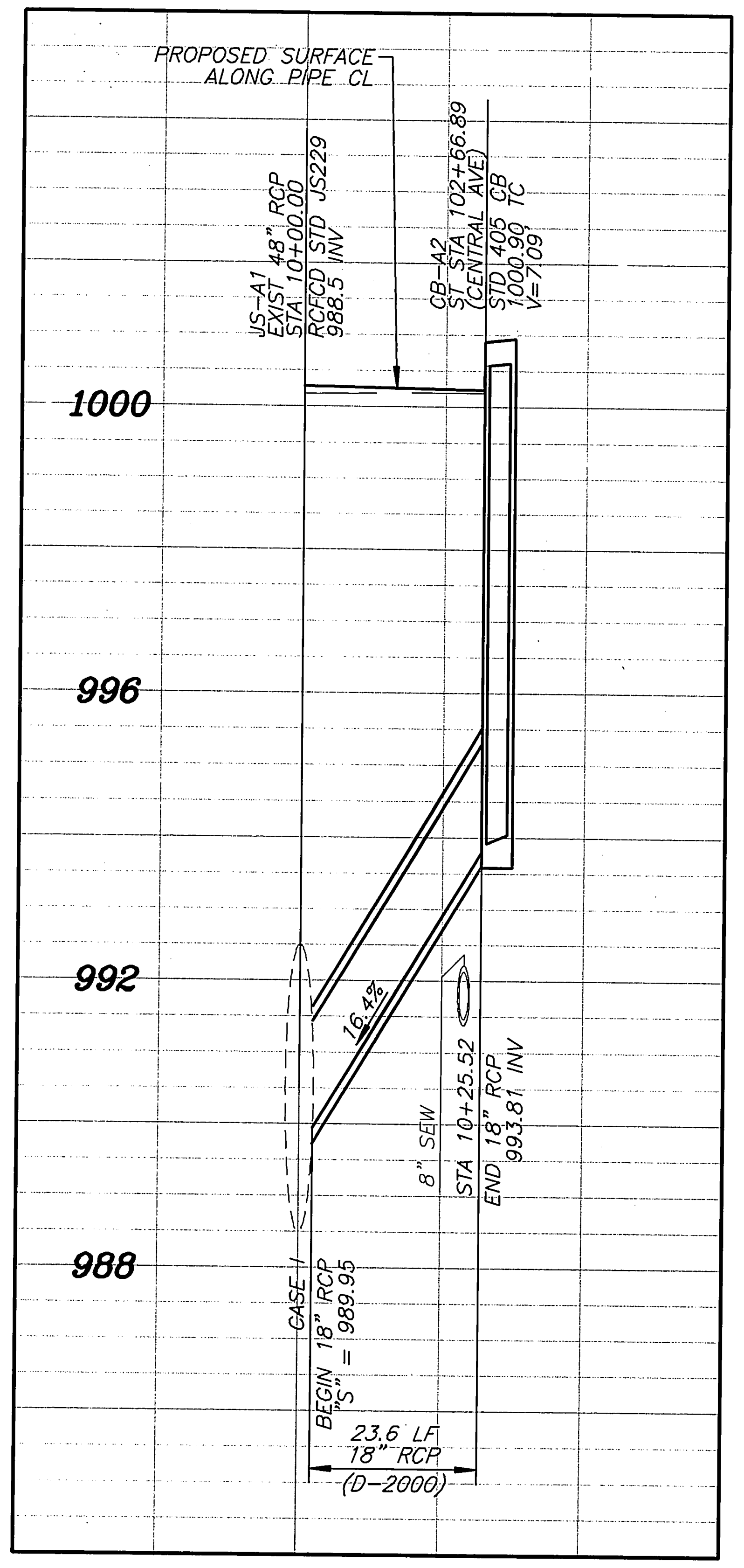
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -

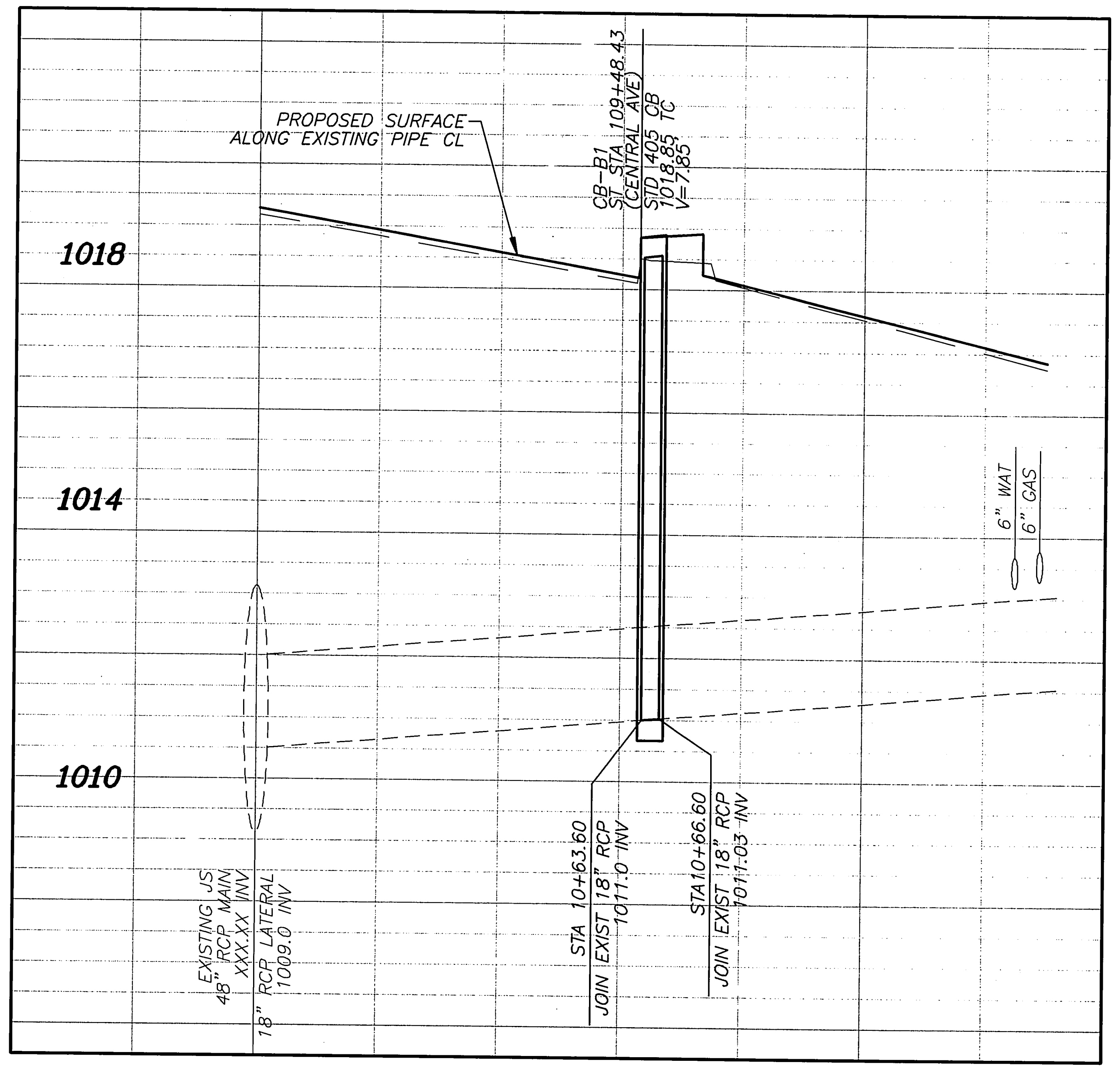
R-4085

SHEET 14 OF 17

FILE NO.



SD LINE A



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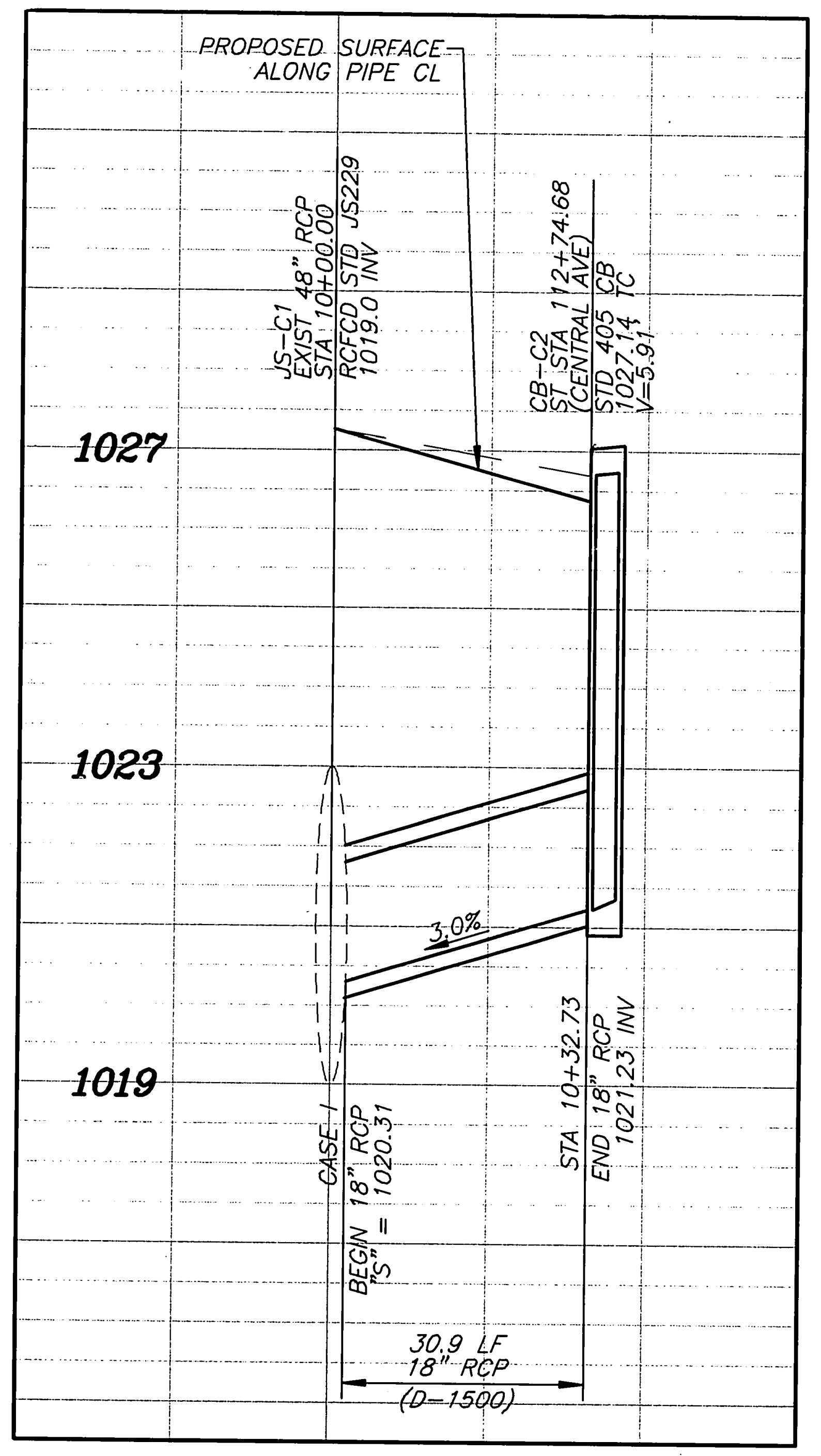

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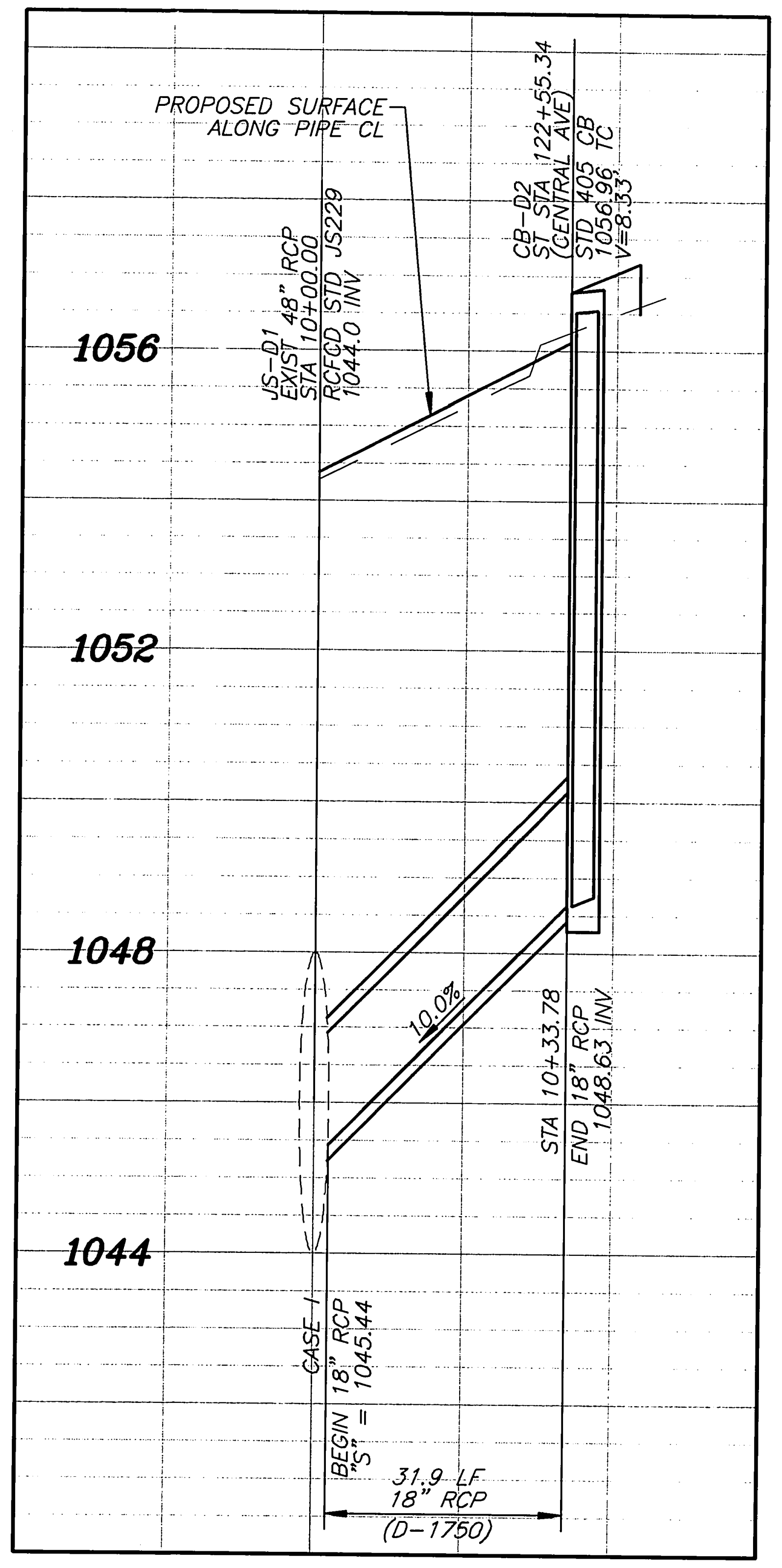
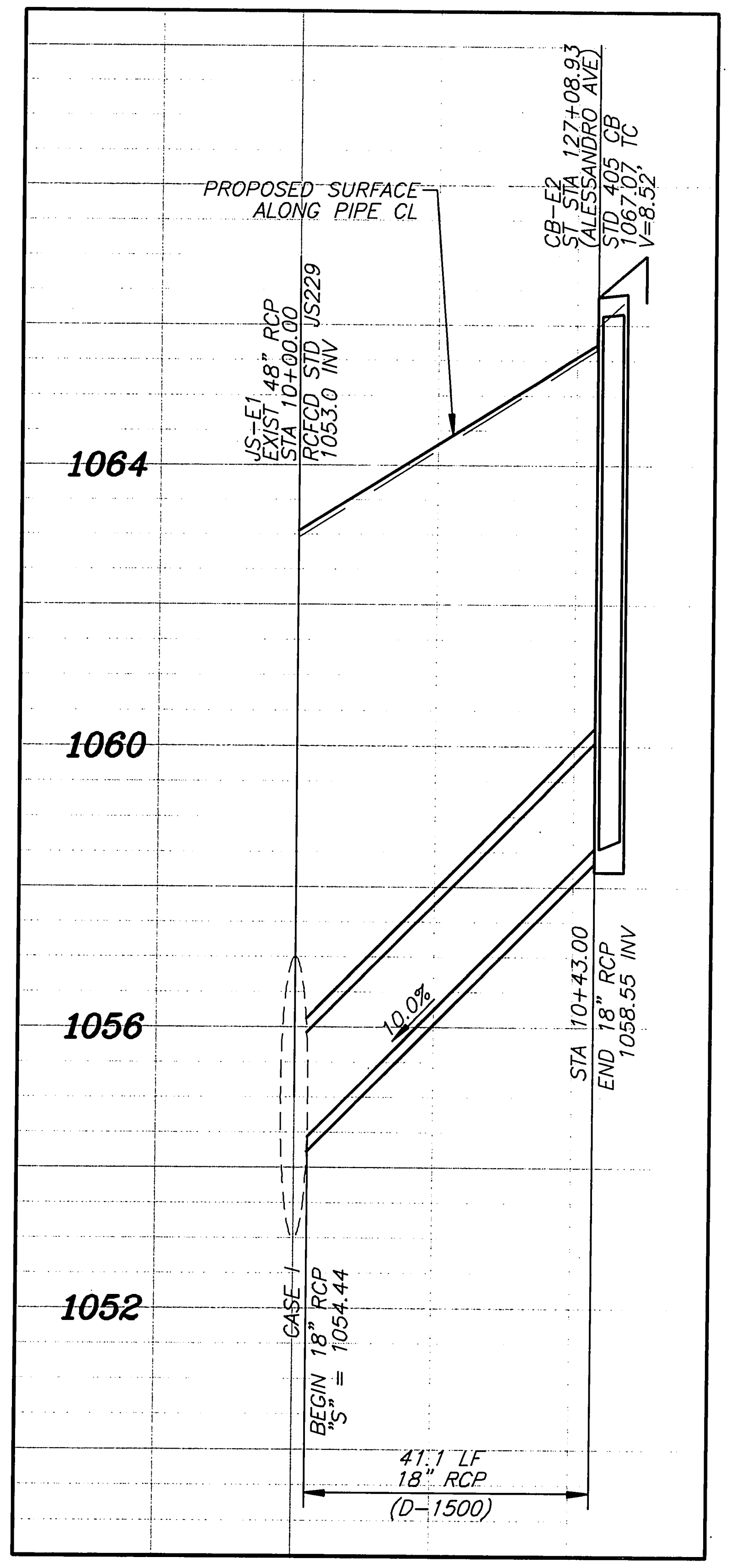


SD LINE D



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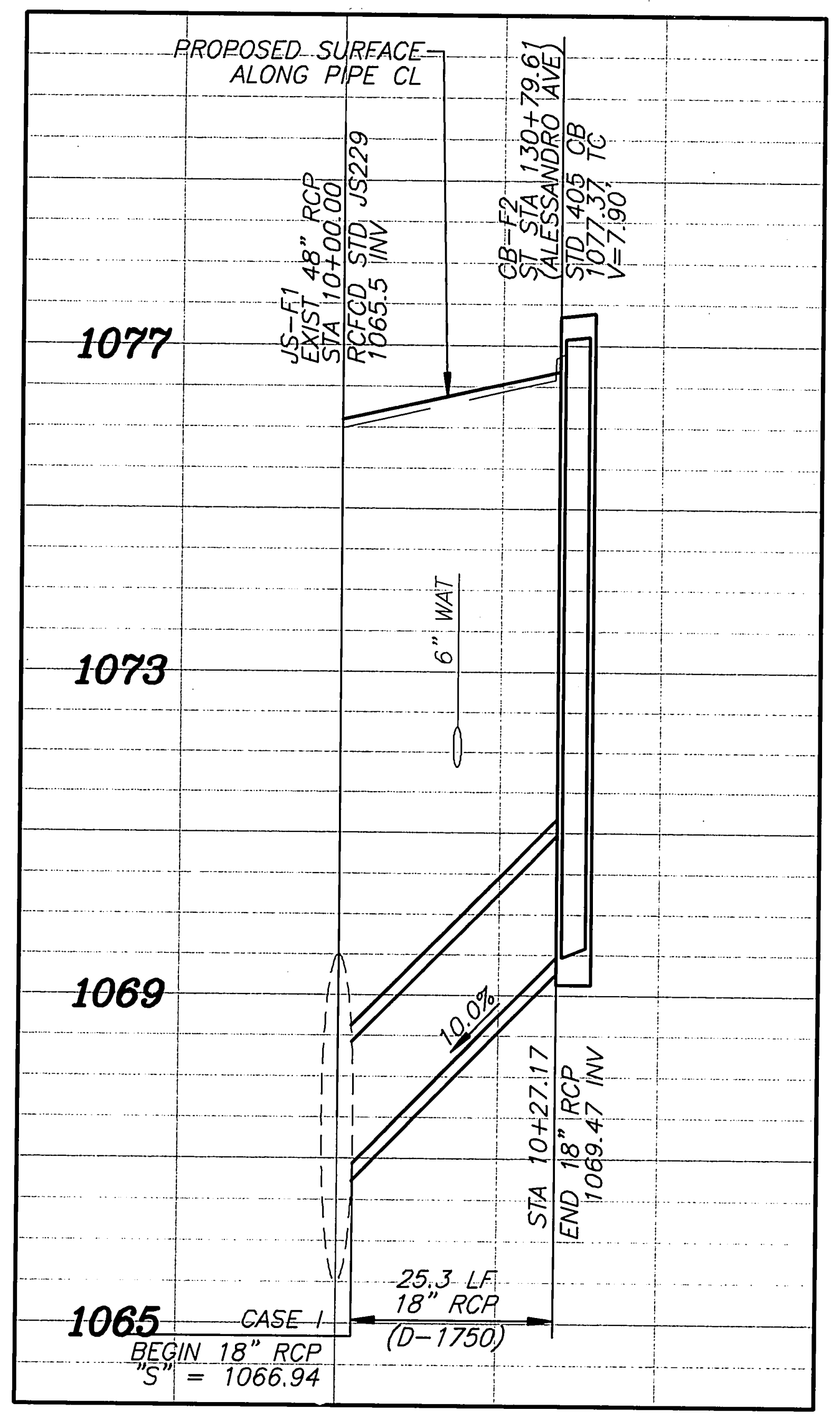
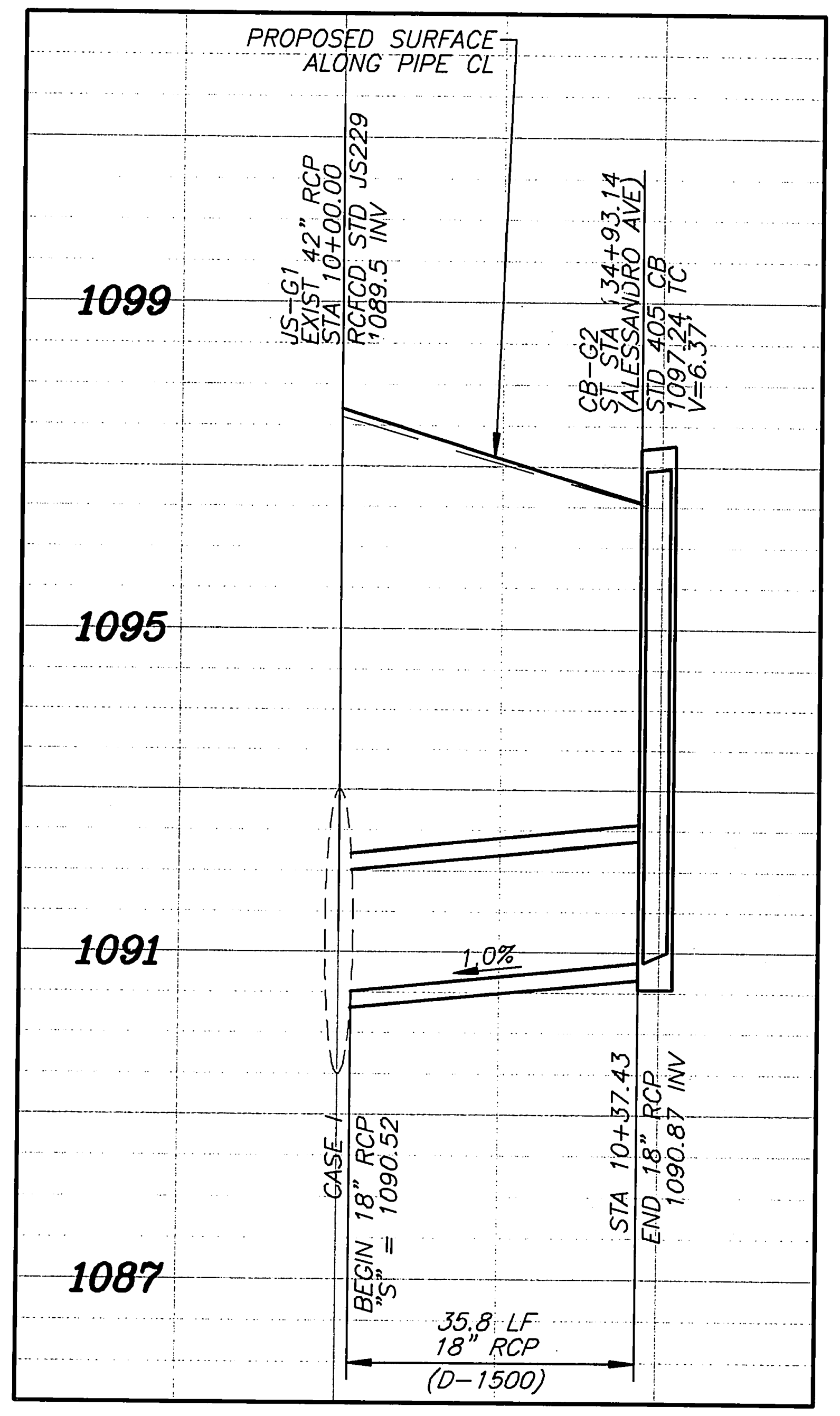


SD LINE F



SD LINE G

BENCHMARK H7-C2

ELEVATION: 946.578

BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10
CIVIL

MARK	REVISIONS	APPR.	DATE

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	CS	10/27/08
STREET SERVICES	JCB	10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.	SL	10-27-08
Landscape	JS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.

STORM DRAIN PROFILES

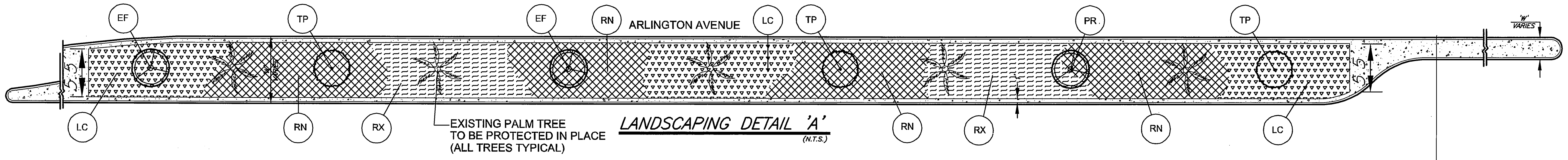
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. –
W.O. NO. –

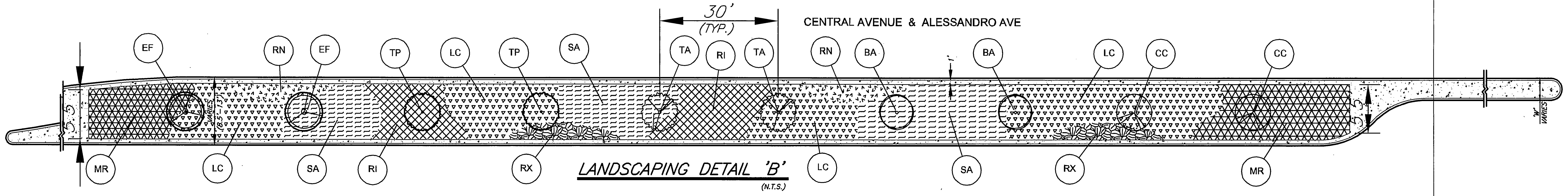
R-4085

SHEET 15 OF 17

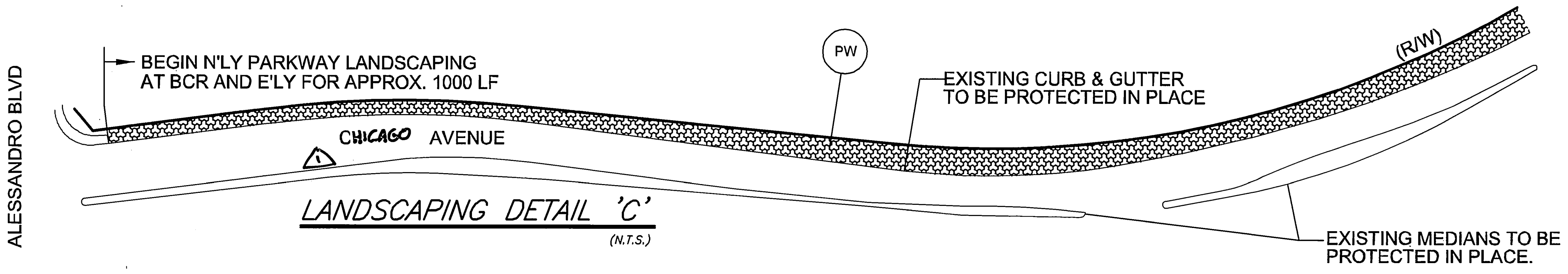
FILE NO.



LANDSCAPING DETAIL 'A'
(N.T.S.)



LANDSCAPING DETAIL 'B'
(N.T.S.)



LANDSCAPING DETAIL 'C'
(N.T.S.)

GENERAL NOTES FOR PUBLIC LANDSCAPES:

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS FOR PLANTING AND IRRIGATION WORK. (SECTION 02441 AND 02483).

2. A "PUBLIC LANDSCAPE" PERMIT, AS ISSUED BY THE PUBLIC WORKS DEPARTMRNT IS REQUIRED. CONTACT THE PUBLIC WORKS LANDSCAPE INSPECTOR AT (951) 351-6103 TO SCADULE A PRE-CONSTRUCTION MEETING AND TO OBTAIN THE PERMIT.

3. WHEN CALLING FOR INSPECTIONS CONTACT THE PUBLIC WORKS LANDSCAPE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION. A WRITTEN APPROVAL WILL BE PROVIDED ON THE PUBLIC LANDSCAPE PERMIT CARD FOR EACH STAGE OF INSPECTION. A VERBAL APPROVAL WILL NOT BE ACCEPTABLE. INSPECTIONS ARE REQUIRED PER THE STANDARD SPECIFICATIONS, AND INCLUDE BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:
   - a. AFTER COMPLETION OF FINAL GRADING AND WHEN ALL UTILITY SERVICES HAVE BEEN MARKED, BUT PRIOR TO INITIATING ANY LANDSCAPE WORK WITHIN THE PUBLIC RIGHT OF WAY.
   - b. AT TIME OF INSTALLATION OF IRRIGATION SLEEVES AND CONSANT PRESSURE MAINLINES, BUT PRIOR TO BACKFILL OF TRENCHES (NOTE: MAINLINES MUST BE PRESSURE TESTED IN THE PRESENCE OF PUBLIC WORKS LANDSCAPE INSPECTOR.
   - c. AT TIME OF INSTALLATION OF IRRIGATION VALVES, LATERALS AND HEADS;
   - d. FOR SPOTTING OF ALL TREES PRIOR TO DIGGING PLANTING PITS;
   - e. WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES;
   - f. AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED, FOR START OF MAINTENANCE;
   - g. AT SUBSTANTIAL COMPLETION OF THE PROJECT FOR CITY'S ACCEPTANCE TO START THE REQUIRED MAINTENANCE PERIOD;
   - h. AT THE END OF MAINTENANCE PERIOD, THE CONTRACTOR SHALL CALL THE PUBLIC WORKS LANDSCAPE INSPECTOR AT THE NUMBER LISTED ABOVE FOR A FINAL ACCEPTANCE INSPECTION IN ORDER TO BE RELEASED FROM MAINTENANCE. CONTRACTOR'S BOND WILL NOT BE RELEASED UNTIL AFTER CITY'S ISSUANCE OF WRITTEN NOTIFICATION THAT THE PROJECT HAS PASSED FINAL INSPECTION AND THE PUBLIC WORKS DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.

4. THE CONTRACTOR SHALL BE REPONSIBLE TO ACCEPTABLY MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD AS SPECIFIED IN THE BID DOCUMENTS.

5. CONTRACTOR SHALL KEEP EXISTING IRRIGATION SYSTEMS OPERATIONAL AND SHALL BE RESPONSIBLE FOR REPLACING ANY DEAD PLANTS AND TREES AT THE CONTRACTOR'S EXPENSE.

POINT OF CONNECTION ELECTRIC NOTES

1. SIX WEEKS IN ADVANCE OF REQUIRING POWER TO THE IRRIGATION CONTROLLER BOX, THE CONTRACTOR SHALL REQUEST THE PUBLIC UTILITIES DEPARTMENT, ELECTRIC DIVISION TO ENERGIZE A HARD WIRED CONNECTION (NO ELECTRIC METER IS REQUIRED AT THIS LOCATION) AT THE CONTROLLER BOX. RPUD'S COST FOR THE WORK SHALL BE CHARGED TO THE WORK ORDER NUMBER SHOWN AT THE BOTTOM RIGHT HAND CORNER OF THE LANDSCAPE DETAILS PLAN.
2. ALL FACILITIES INSTALLED BY THE CONTRACTOR SHALL BE INSPECTED AND APPROVED BY THE UTILITIES DEPT. CONSTRUCTION INSPECTOR (PH. ANY CHANGES SHALL BE APPROVED BY THE UTILITIES DEPT. PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE UTILITIES DEPT. CONSTRUCTION INSPECTOR AND CONSTRUCTION SUPERINTENDENT (PH. 826-2415).
3. ALL IRRIGATION CONTROLLER FEED POINTS TO BE CONNECTED BY PUBLIC UTILITIES DEPT. AND ENERGIZED WHEN CLEARED BY UTILITIES DEPT. INSPECTOR.
4. ALL WIRE TO BE #8 CU. THW OR AS SHOWN ON THE PLANS.
5. CONDUIT AND FITTINGS TO BE IN CONFORMANCE WITH UGS-100. BACKFILL TO BE TYPE AND COMPACTED AS SPECIFIED IN UGS-100.1.
6. PROVIDE RELEASE LETTER AUTHORIZING ENERGIZATION, SIGNED BY RESPONSIBLE PERSON IN CHARGE. OBTAIN FORM LETTER FROM UTILITY INSPECTOR.

P.O.C. DATA WATER SERVICE
METER SIZE: 2 INCHES (MAXIMUM)
SERVICE ADDRESS: ----
ELEVATION: ____
PRESSURE ZONE: xxxx ZONE
STATIC PRESSURE: 90 P.S.I.
SERVED AREA: HIGHEST ELEV. ----
LOWEST ELEV. ----
**MAX. GPM DEMAND: G.P.M.
**METER NO.:

** : INFORMATION PROVIDED BY CONTRACTOR AS "AS-BUILT" INFORMATION.

P.O.C. DATA ELECTRICAL SERVICE
METER SIZE: NON-METERED SERVICE (120V/240V)
SERVICE ADDRESS: ----
VOLTAGE: SINGLE PHASE

NOTE: CONNECTING TO NEAREST POWER POLE. SUBJECT TO REVIEW AND APPROVAL OF P.U.E. DIVISION.

PLANTING NOTES:

1. CONTRACTOR SHALL CALL THE ENGINEER'S ATTENTION TO SITE CONDITIONS WHICH PREVENT HIS INSTALLATION PER PLAN IN A REASONABLE MANNER.
2. REPLACEMENT OF DAMAGED OR DESTROYED PLANTINGS SHALL TAKE PLACE WITHIN 48 HOURS OF NOTIFICATION BY THE ENGINEER, OR SAID REPLACEMENT ITEMS SHALL BE DEDUCTED FROM THE CONTRACTOR'S FINAL BILLING.
3. REPLACEMENT ITEMS SHALL BE EXACT DUPLICATE OF ORIGINAL WORK OR PLANTS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
4. IRRIGATION SYSTEM SHALL BE INSTALLED PRIOR TO PLANT MATERIAL.
5. TREES SHALL BE PLANTED AFTER CONCRETE PLACEMENT, BUT NOT BEFORE IRRIGATION COVERAGE HAS BEEN APPROVED.
6. PLACE TREES BETWEEN SPRAY HEADS WHEREVER POSSIBLE.
7. A SITE SHALL BE PRE-SELECTED BY THE ENGINEER FOR PLANT DELIVERY AND APPROVAL, FOR MIXING OF BACKFILL.
8. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE CITY'S REPRESENTATIVE.
9. MAINTENANCE PERIOD SHALL BE A MINIMUM OF ONE YEAR (365) CONSECUTIVE CALENDER DAYS FOR STREET TREES AND A MINIMUM OF NINETY (90) CONSECUTIVE CALENDER DAYS FOR SHRUBS AND SODS FROM DATE OF ACCEPTANCE. MAINTENANCE SHALL INCLUDE BI-WEEKLY WEED AND RODENT ABATEMENT PROCEDURES INCLUDING FOLIAR APPLICATION OF CHELATED IRON AND TRACE MINERALS 90 DAYS APART.
9. LANSCAPING SHALL BE PROVIDED IDENTIFIED WITH THE THE CONTRCUTION NOTE ⟨LS⟩ ANY LOCATION IDENTIFIED ON THE PLANS AND AS NOT INDICATED ON THE ABOVE DETAILS INCLUDING ALL ISLANDS AND PARKWAYS SHALL BE LANDSCAPED WITH PERIWINKLE. THE QUANTITIES ARE ACCOUNTED FOR IN THE TABLE FOR LANDSCAPE DETAIL 'C'.

IRRIGATION CONSTRUCTION LEGEND:

⟨1⟩ INSTALL 2" DIA. P.V.C. SCH. 40 SLEEVING, EXTENDING 1' INTO PLANTING AREA OF MEDIAN WITH A MINIMUM OF 24" COVER, TERMINATING IN BROOKS #3 PULLBOX OR CITY APPROVED EQUAL W/TRAFFIC COVER, AT EACH END, FOR IRRIGATION CONTROL WIRES.

⟨2⟩ INSTALL 4" DIA. P.V.C. SCH. 40 SLEEVING, EXTENDING 1' INTO PLANTING AREA OF MEDIAN, 24" COVER, FOR IRRIGATION SUPPLY LINE.

⟨A⟩ SEE IRRIGATION SYSTEM DESIGN CRITERIA NOTE FOR AUTOMATIC IRRIGATION CONTROLLER. CONTROLLER SHALL BE "CALSENSE" APPROVED BY THE CITY.

⟨E⟩ SEE IRRIGATION SYSTEM DESIGN CRITERIA NOTE FOR ELECTRIC SERVICE.

⟨W⟩ SEE IRRIGATION SYSTEM DESIGN CRITERIA NOTE FOR WATER SERVICE.

PROVIDE 2 x 2" DIA. GALVANIZED STEEL SLEEVES WITH A MIN. OF 2' COVER EXTENDING FROM THE MOST NORTHERLY PLANTER AREA ON TO THE TRAPEZOIDAL MEDIAN AT LE CONTE DR. & FURTHER NORTH.

⟨LS⟩ IRRIGATION SHALL BE PROVIDE TO ALL LANDSCAPED AREAS INDICATED ON THE PLANS OR ASSOCIATED WITH ANY OF THE DETAILS SHOWN HEREON AND PROVIDE ADEQUATE COVERAGE.

IRRIGATION CONSTRUCTION NOTES:

1. ALL IRRIGATION LINES TO BE INSTALLED UNDER HARDSCAPE AREAS SHALL BE INSTALLED IN SCH. 40 P.V.C. SLEEVES. MINIMUM SLEEVE SIZE SHALL BE TWICE THE DIAMETER OF THE IRRIGATION PIPE SIZE.
2. ALL IRRIGATION CONTROL WIRES TO BE INSTALLED UNDER HARDSCAPE AREAS SHALL BE INSTALLED IN A MINIMUM OF 2" SCH. 40 P.V.C. SLEEVE.
3. ALL IRRIGATION VALVES, BALL VALVES, QUICK COUPLERS AND BOXES ARE TO BE LOCATED IN PLANTING AREAS.
4. BACKFLOW PREVENTER AND PRESSURE REGULATOR ARE REQUIRED.

DETAIL 'A' PLANTING LEGEND FOR CENTRAL AVE & ALESSANDRO AVE (MCMAHON ST TO E/O HAWARDEN DR)

ITEM	SYMBOL	LEGEND	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	QUANTITY
TP	⊙	TP	Thevetia peruviana	Yellow Oleander	24" Box		14
EF	⊛	EF	Ceris canadensis	Eastern Redbud	24" Box		14
RN	▩	RN	Rosa x 'Noamel'	Appleblossom Rose	1 Gallon	Triangular Spaced @ 18" o.c.	4150
LC	▿	LC	Lantana Camara	Lantana Denholm White	1 Gallon	Triangular Spaced @ 18" o.c.	2750
RX	▤	RX	Rosa x 'Noare'	Flower Carpet Rose	1 Gallon	Triangular Spaced @ 18" o.c.	1950

DETAIL 'A' NOTES: ~~1) PLANT ADDITIONAL TREES, ALTERNATING BETWEEN SPECIES, WHERE TREES CAN BE SPACED AT 30' O.C. BETWEEN EXISTING PALMS.~~
1 SEE SHEET 17A FOR DETAIL 'A' NOTES

DETAIL 'B' PLANTING LEGEND FOR CENTRAL AVE & ALESSANDRO AVE (VICTORIA AVE TO CHICAGO AVE)

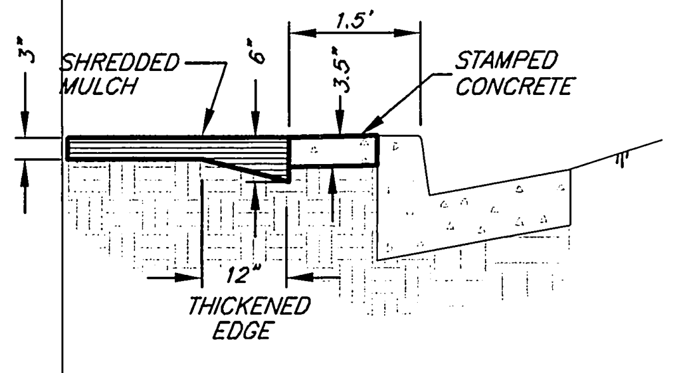
ITEM	SYMBOL	LEGEND	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	QUANTITY
BA	⊙	BA	Brachychiton acerifolius	Flame Tree	24" Box		14
CC	⊛	CC	Calodendrum capense	Cape Chestnut	24" Box		14
EF	⊛	EF	Ceris canadensis	Eastern Redbud	36" Box		14
TA	⊛	TA	Tabebuia avellanedae	Pink Trumpet Tree	24" Box		14
TP	⊙	TP	Thevetia peruviana	Yellow Oleander	24" Box		14
RI	▩	RI	Raphiolepis indica	Indian hawthorn	5 Gallon	Triangular Spaced @ 4' o.c.	380
LC	▿	LC	Lantana camera	Lantana	5 Gallon	Triangular Spaced @ 3' o.c.	1285
MR	▩	MR	Mahonia repens	Oregon Grape	5 Gallon	Triangular Spaced @ 3' o.c.	665
RX	▩	RX	Rosa x 'Noare'	Flower Carpet Rose	1 Gallon	Triangular Spaced @ 18" o.c.	605
RN	▨	RN	Rosa x 'Noamel'	Appleblossom Rose	1 Gallon	Triangular Spaced @ 18" o.c.	615
SA	▤	SA	Senna artemisioides	Cassia	5 Gallon	Triangular Spaced @ 4' o.c.	710

DETAIL 'B' NOTES:
1) WHERE 'W' IS GREATER THAN OR EQUAL TO 4' ADJACENT TO THE MEDIAN STORAGE AREA, PROVIDE 1' WIDE LANDSCAPED STRIP FROM THE MEDIAN STORAGE NOSE BC TO THE START OF THE REVERSE TAPER AND PLANT LANTANA DENHOLM WHITE 3' O.C.
2) EACH MEDIAN SHALL BE EQUALLY DIVIDEDED TO PLANT ALL OF THE SPECIES AS SHOWN.
3) DO NOT PLANT TREES WHERE 'W' IS LESS THAN 8.5'.
1 4) A 2' WIDE LANDSCAPE STRIP SHALL BE PROVIDED ADJACENT TO THE TURN POCKETS WHEN 'W' EXCEEDS 5'

DETAIL 'C' PLANTING LEGEND FOR CHICAGO AVE PARKWAY (APPROX. 1000LF E'LY OF ALESSANDRO AVE) AND FOR ALL OTHER AREAS INDICATED ON THE PLANS BUT NOT ACCOUNTED FOR IN DETAIL 'A' AND 'B'

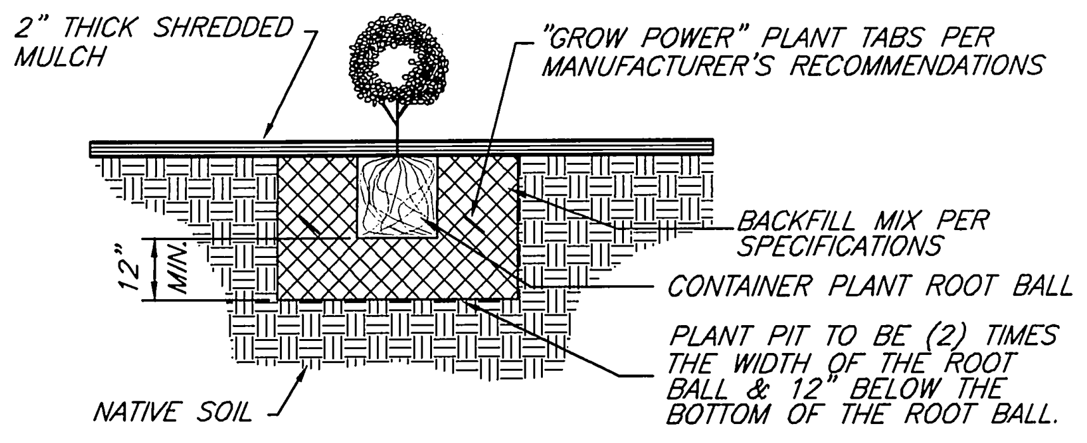
ITEM	SYMBOL	LEGEND	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	QUANTITY
PW	▩	PW	Vinca Minor	Periwinkle	5 Gallon	Linearly Spaced @ 3' o.c. located 3' behind existing curb.	710
EF	⊛	EF	Ceris canadensis	Eastern Redbud	36" Box		16
TP	⊙	TP	Thevetia peruviana	Yellow Oleander	24" Box		16

DETAIL 'C' NOTES: ~~1) ALL TREES IN THE ABOVE MENTIONED QUANTITIES ARE FOR THE PARKWAY SLOPE AREA ON THE EAST SIDE OF ALESSANDRO BETWEEN STATION 117+50± AND 128+50±.~~
SEE SHEET 17A FOR DETAIL 'C' NOTES
1



NOTE: MULCH TO BE UNIFORMLY APPLIED THROUGHOUT THE SHRUB AREAS EXCEPT WITHIN TREE BASINS.

SHREDDED MULCH IN PLANT BED
NTS



CONTAINER PLANTING MEDIAN PLANTER
NTS

NOTES:
1. UNTANGLE MATTED ROOTS BY LOOSENING ALL ROOTS AT EDGE OF ROOT BALL WITH WATER FROM HOSE. DO NOT CRACK ROOT BALL.
2. PLACE "GROW POWER" TABS IN PLANT CONTAINER PRIOR TO PLANTING FOR OBSERVATION PURPOSES.

BENCHMARK H7-C2
ELEVATION: 946.578
BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
1	ADDENDUM No. 1 REVISIONS	MK	11/10/08

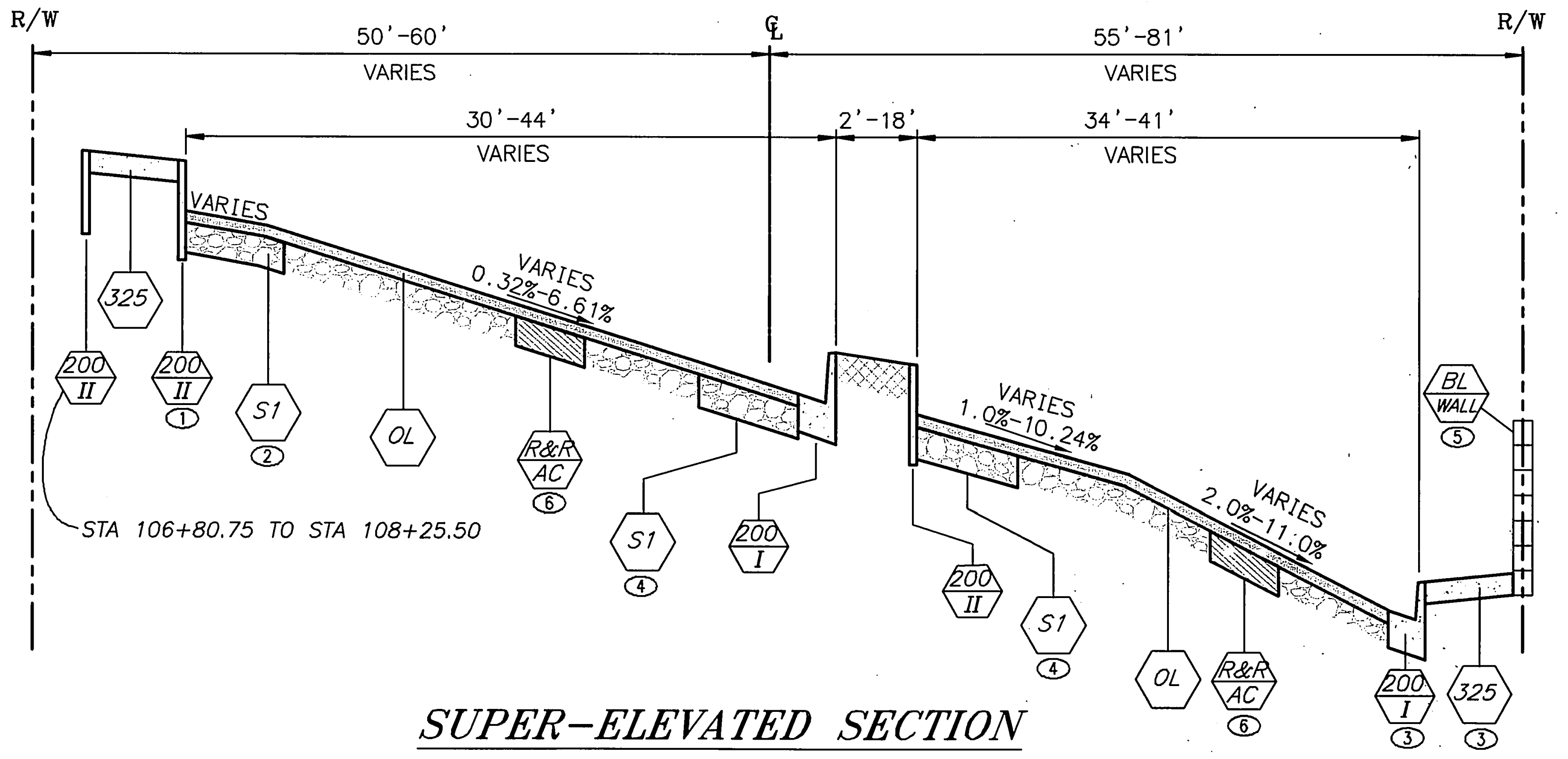
DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER		
SURVEYOR	CS	10/27/08
STREET SERVICES		10.24.08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.		10-27-08
Landscape	JCS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -
R-4085
SHEET 16 OF 17
FILE NO.

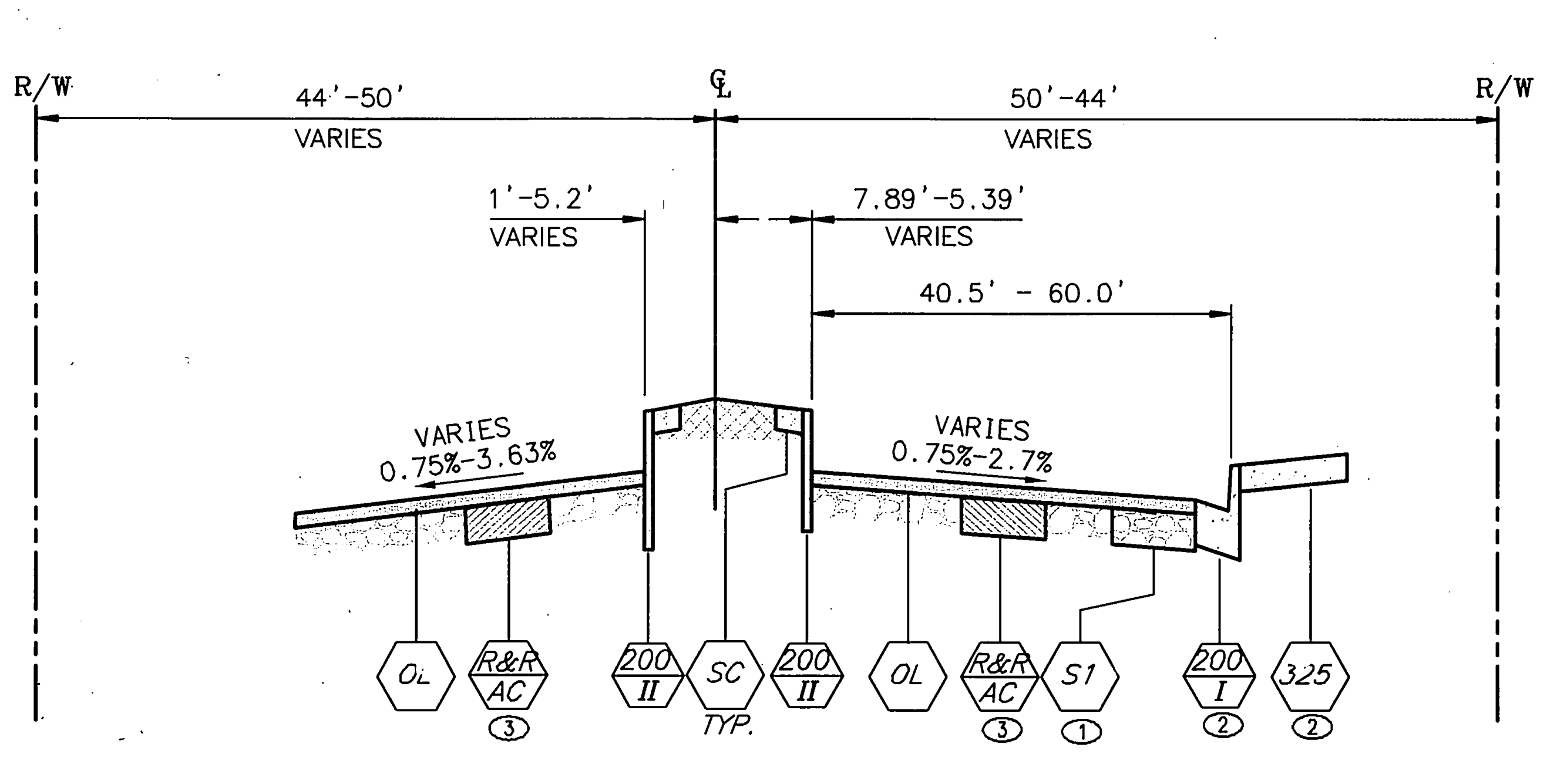


SUPER-ELEVATED SECTION

STA 103+00 TO 116+00
STA 131+00 TO 140+00

NOTE:

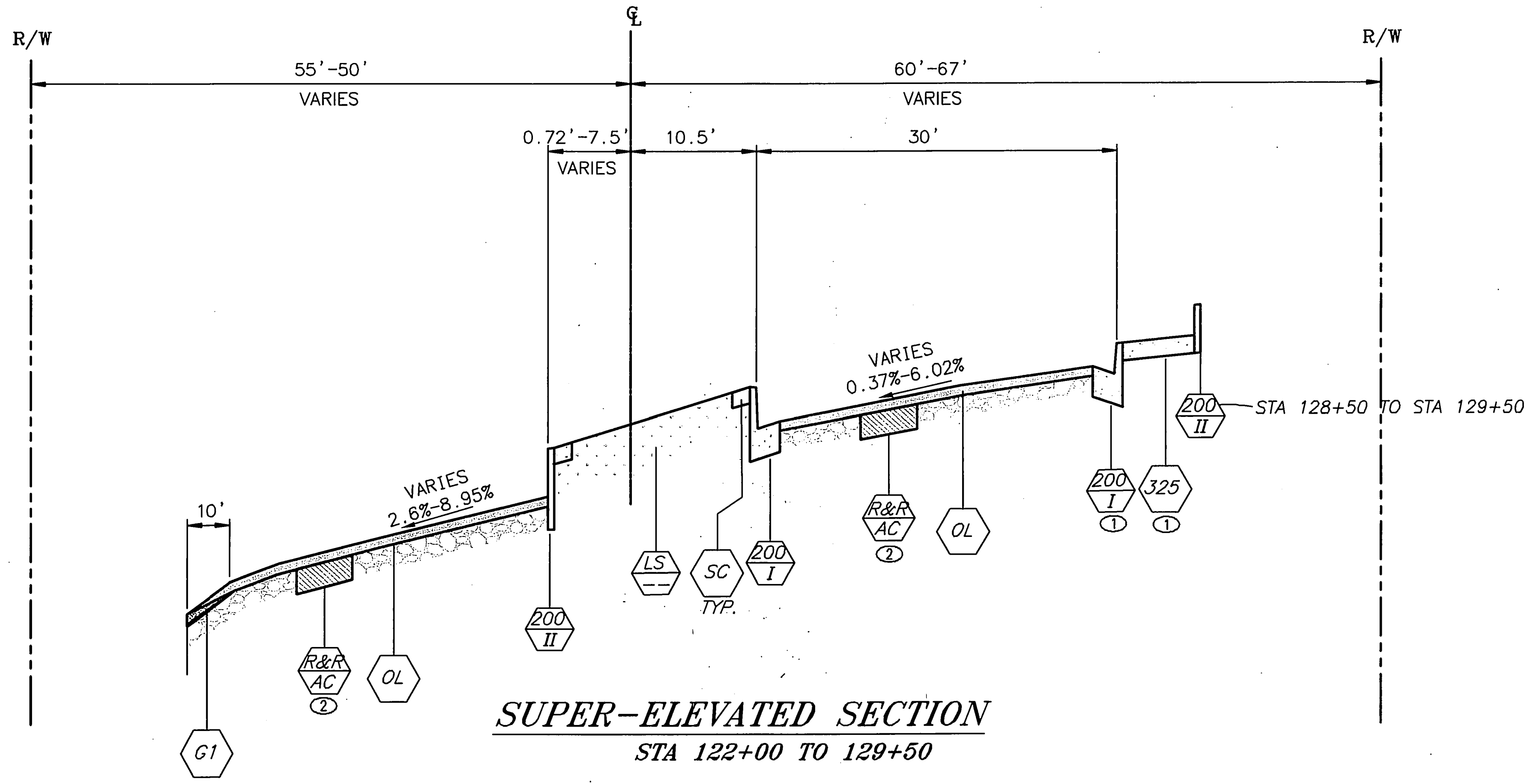
- ① STA 107+00 TO STA 111+00±, STA 135+00 TO STA 136+50 (SEE PLAN FOR DETAILS)
- ② STA 135+00 TO STA 136+00± (SEE PLAN FOR DETAILS)
- ③ STA 109+56 TO STA 110+00±, STA 131+00 TO STA 140+00 (SEE PLAN FOR DETAILS)
- ④ STA 134+50 TO STA 140+00± (SEE PLAN FOR DETAILS)
- ⑤ STA 131+00 TO STA 137+97± (SEE PLAN FOR DETAILS)
- ⑥ LOCATION VARIES SEE PLAN FOR DETAILS



TYPICAL SECTION

STA 86+00 TO 103+00
STA 140+50 TO 147+96

- ① STA 143+00 TO STA 148+00± (SEE PLAN FOR DETAILS)
- ② STA 140+50 TO STA 141+50, STA 143+00 TO STA 148+00 (SEE PLAN FOR DETAILS)
- ③ LOCATION VARIES SEE PLAN FOR DETAILS

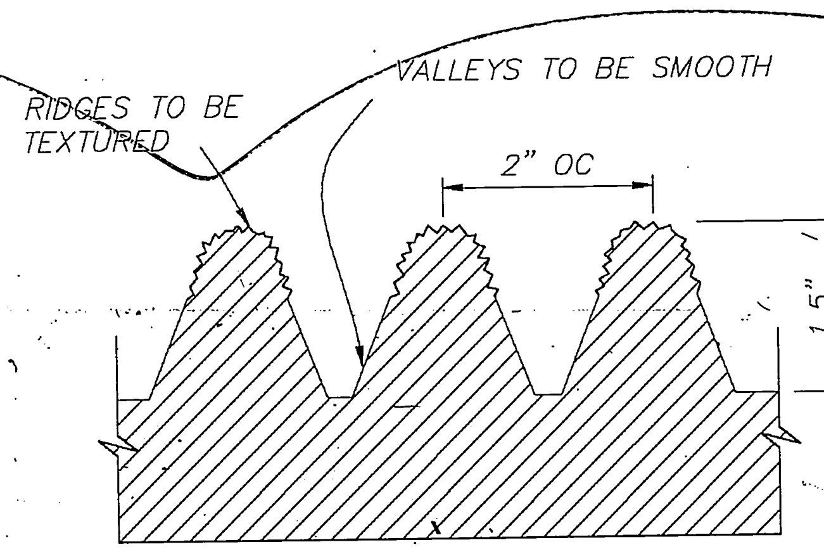


SUPER-ELEVATED SECTION

STA 122+00 TO 129+50

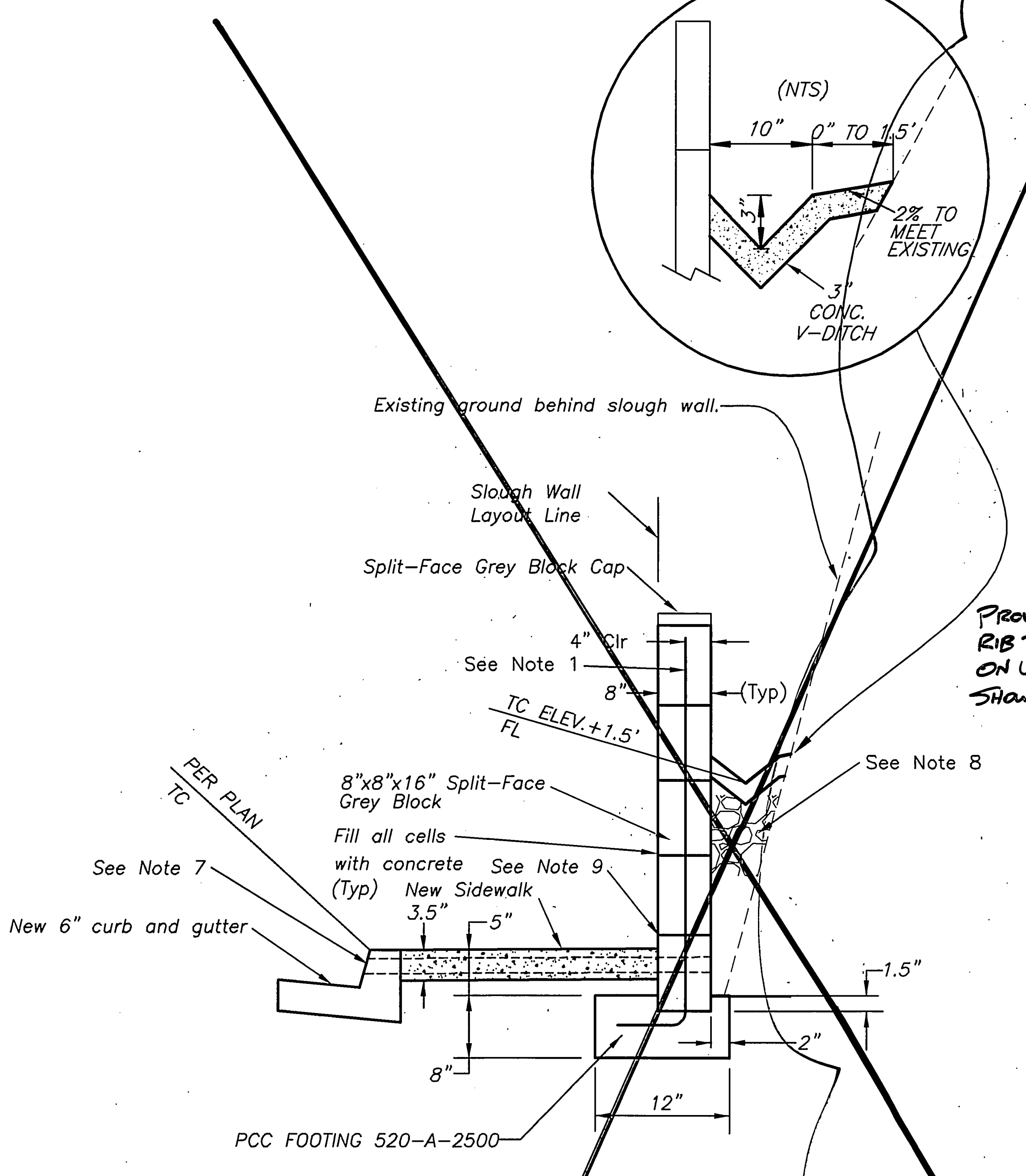
- ① STA 124+50 TO STA 126+00, STA 127+50 TO STA 129+50 (SEE PLAN FOR DETAILS)
- ② LOCATION VARIES SEE PLAN FOR DETAILS

2



FRACTURED RIB TEXTURE

NO SCALE



CONCRETE BLOCK SLOUGH WALL

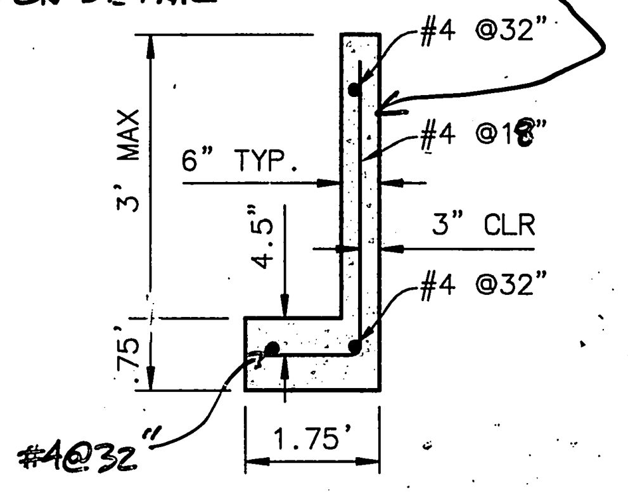
Not to Scale

NOTES:

1. MAX HEIGHT OF WALL WITHOUT REINFORCING IS 4 COURSES OF 8" HIGH BLOCK. MORE THAN 4 COURSES REQUIRES VERTICAL REINFORCING OF #4 BARS @ 48" O.C.
2. NO LIVE-LOAD SURCHARGE SHALL BE ALLOWED ON RETAINED SOIL.
3. POUR FOOTING AGAINST UNDISTURBED EARTH.
4. TOP OF FOOTING MAY BE PLACED AT SAME GRADE AS STREET IF STREET GRADE IS UNIFORM.
5. PLACE CONCRETE BLOCKS IMMEDIATELY AFTER POURING THE FOOTING. FILL ALL CELLS SOLID WITH GROUT AND ROD SO THAT GROUT IS MONOLITHIC WITH FOOTING.
6. PCC V-DITCH TO DRAIN INTO 10" WIDE X 8" TALL, PCC INLETS TO BE PLACED EVERY 50' AS SHOWN ON PLAN. TRANSITON V-DITCH FLOWLINE TO CENTER OF INLET OVER 5 '.F.
7. 12" WIDE PARKWAY DRAINS PER A.P.W.A. STD. DWG. 151-1 EVERY 50' AS SHOWN ON PLAN.
8. 3/4" AGGREGATE CONTINUOUS BEHIND RETAINING WALL.
9. FIRST CELL ABOVE SIDEWALK TO BE LEFT UN-GROUTED, EVERY OTHER BLOCK.

SEE SHEET 17A

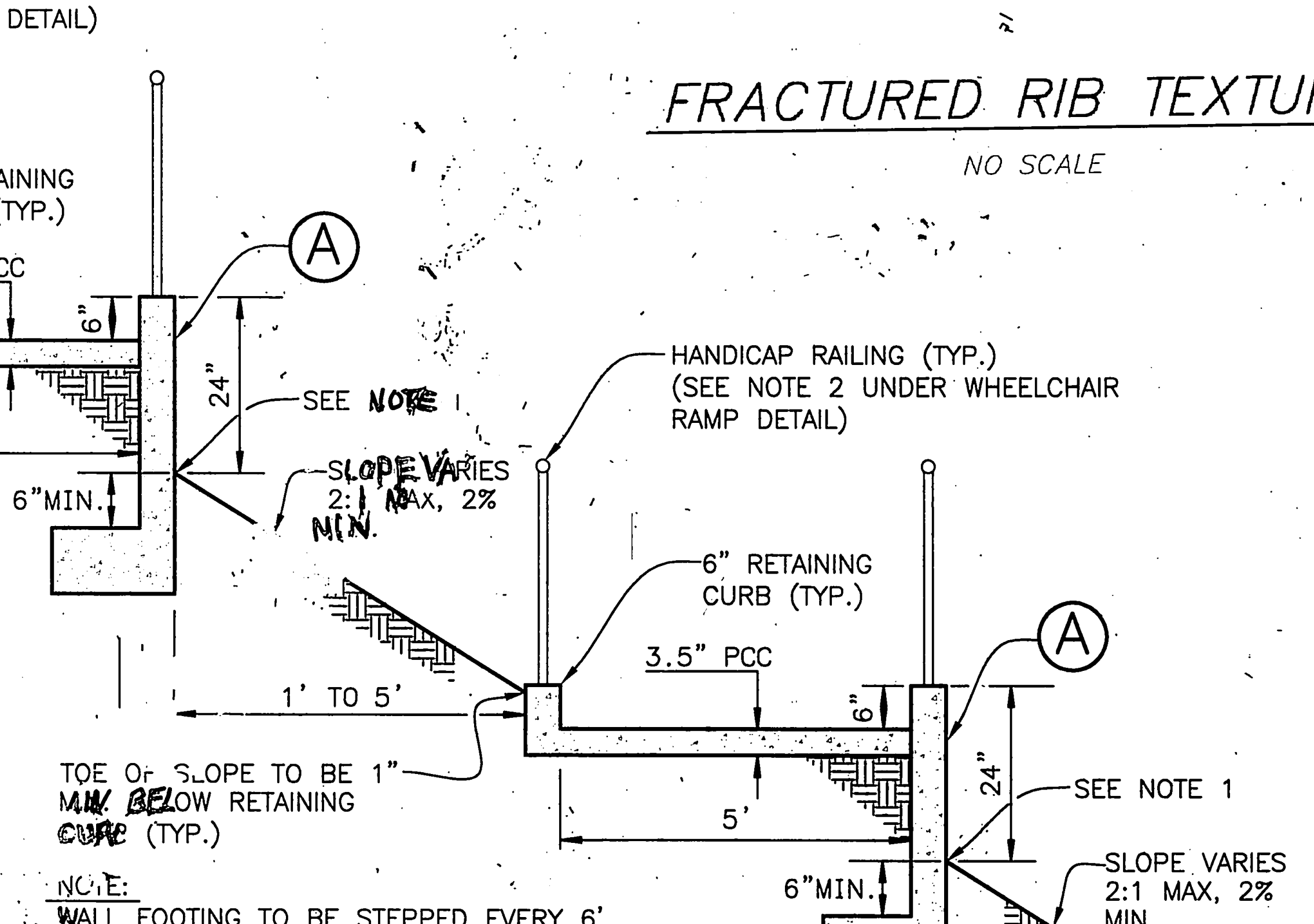
PROVIDE FRACTURED ~~RIB TEXTURE~~ ON WALL SURFACE AS SHOWN ON DETAIL



Ⓐ WALL DETAIL

Not to Scale

HANDICAP RAILING (TYP.)
(SEE NOTE 2 UNDER WHEELCHAIR RAMP DETAIL)

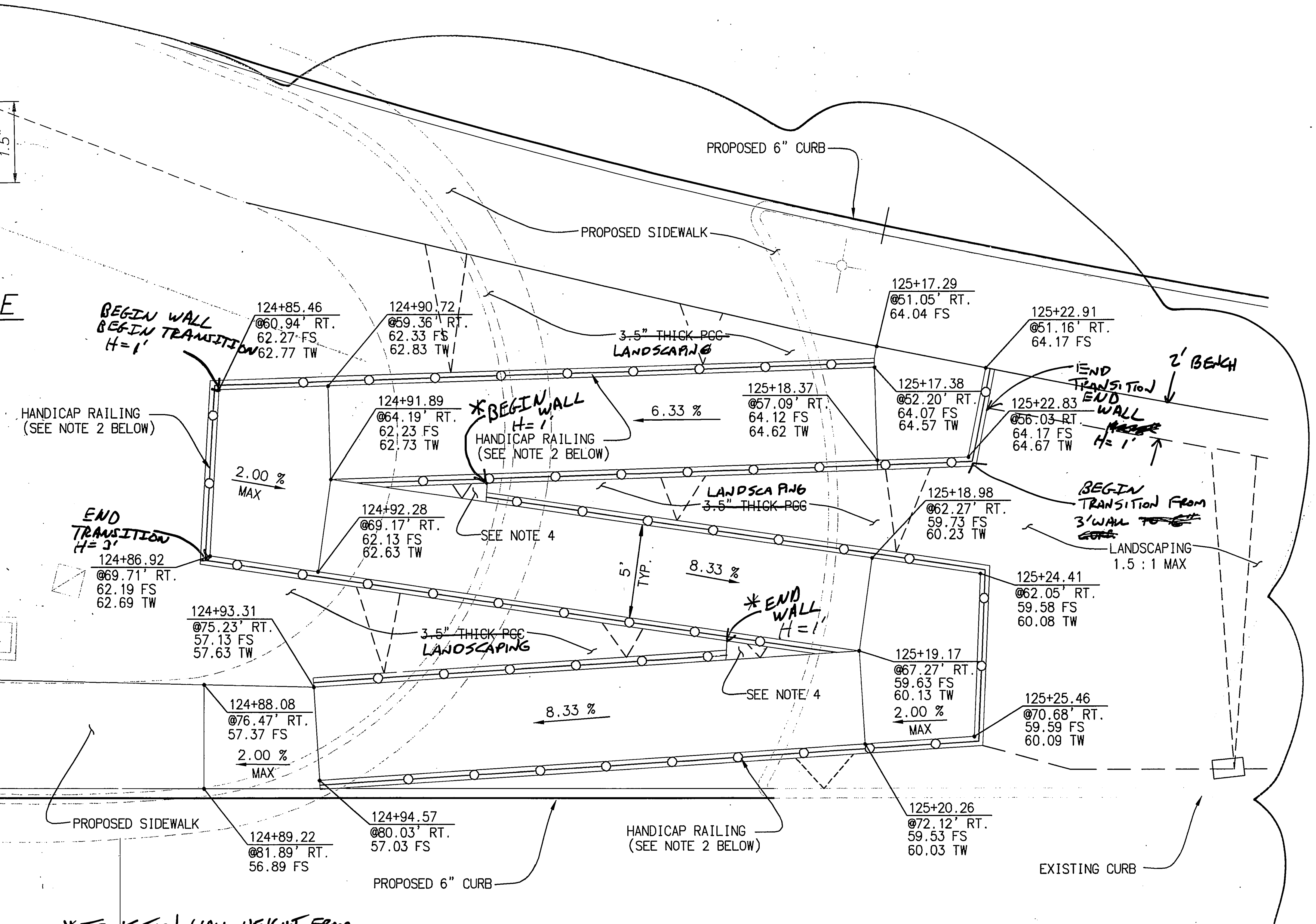


NOTE:

1. WALL FOOTING TO BE STEPPED EVERY 6' OR AS NEEDED TO PROVIDE A MINIMUM EXTERIOR GRADE ELEVATION OF 6" ABOVE TOP OF FOOTING.
2. ALL SLOPE AREAS BETWEEN RAMPS AND ADJACENT TO RAMP LANDING AREAS TO BE DRIP IRRIGATED AND PLANTED WITH PERRYWINKLES.
3. GRADES ADJACENT TO RAMP LANDINGS SHALL DIRECT DRAINAGE AWAY AT 2% FOR 2 FEET AND THEN 1.5:1 MAX.

WHEELCHAIR RAMP TYPICAL SECTION

Not to Scale



*TRANSITION WALL HEIGHT FROM 1' TO 3' OVER 7.5'

WHEELCHAIR RAMP DETAIL

SCALE: 1"=5'

NOTES:

1. WHEELCHAIR RAMP TO FULFILL ALL DESIGN REQUIREMENTS PER CITY OF RIVERSIDE BUILDING AND SAFETY STANDARD DRAWING RDA-2.0.
2. HANDICAP RAILING SHALL MEET ADA REQUIREMENTS AND BE INSTALLED PER MANUFACTURERS SPECIFICATIONS (LEESBURG CONCRETE COMPANY, INC. OR EQUIVALENT).
3. ALL SLOPES IN RAMP AREA SHALL BE 3.5" PCC & SMOOTHLY GRADED FROM TOP OF WALL TO TOP OF WALL.
4. IF SLOPE BETWEEN RAMPS IN THIS AREA IS GREATER THAN 1.5:1 THEN WALL SHOULD BE CONTINUOUS ACROSS RAMP.

2

BENCHMARK H7-C2
ELEVATION: 946.578
BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 10/23/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE
2	ADD WALL & LANDSCAPE TO RAMP		11/4/08
1	ADDENDUM No. 1 REVISIONS		

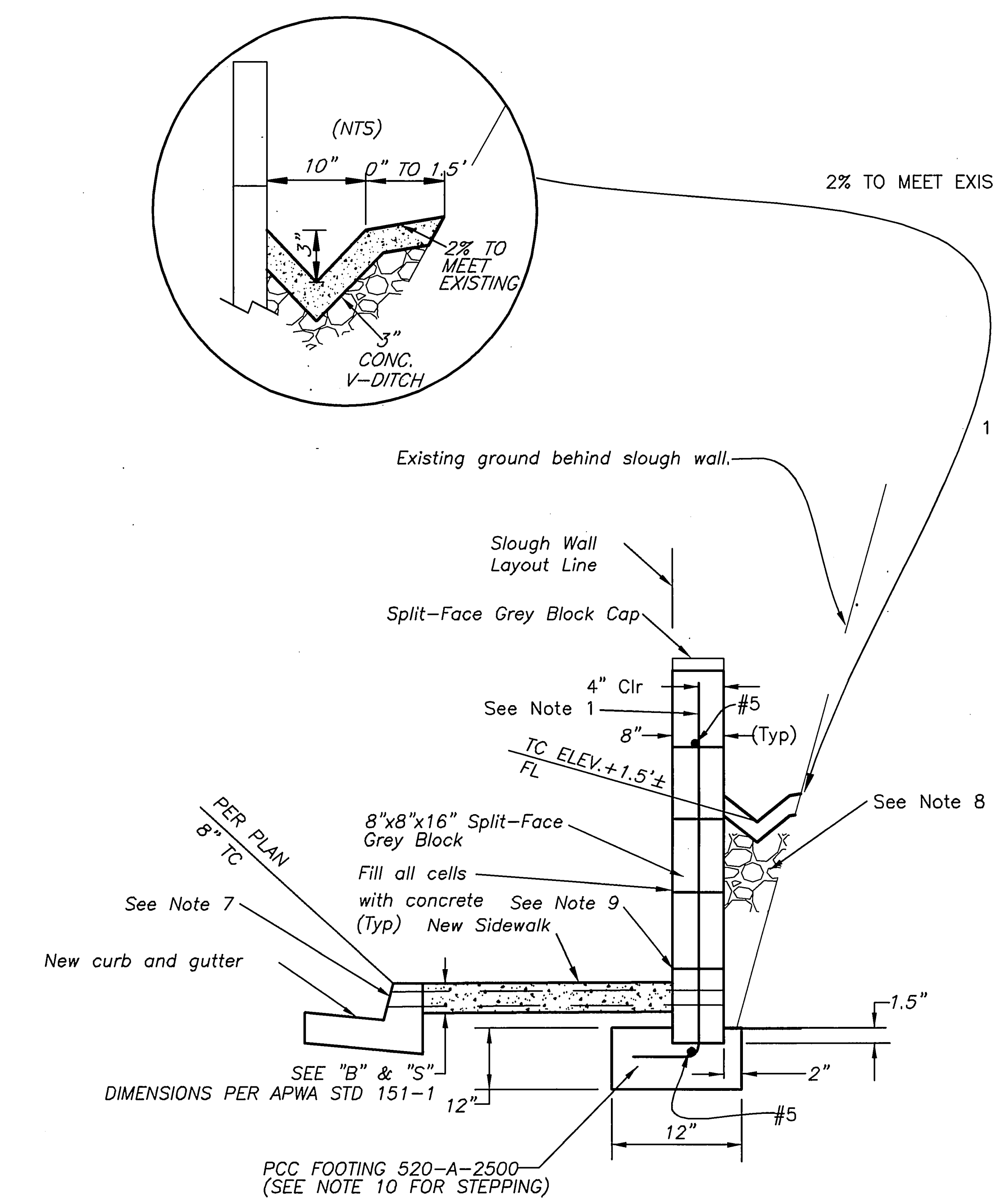
DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER	—	—
SURVEYOR	cs	10/27/08
STREET SERVICES		10-24-08
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.		10-27-08
Landscape	JS	10/24/08

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE 10/24/08

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.
TYPICAL SECTIONS/WALL DETAIL
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -
R-4085
SHEET 17 OF 17
FILE NO.

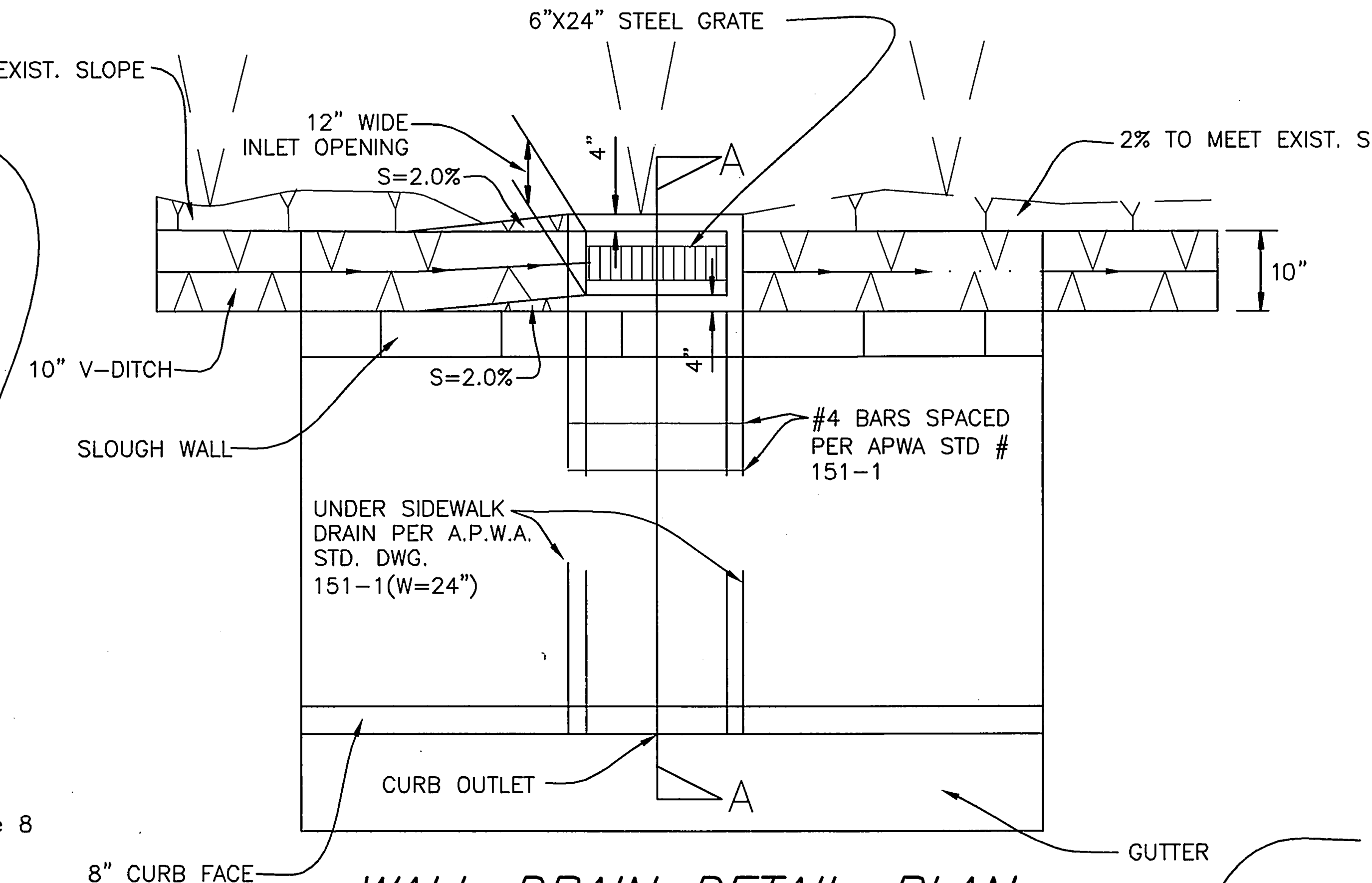


CONCRETE BLOCK SLOUGH WALL

Not to Scale

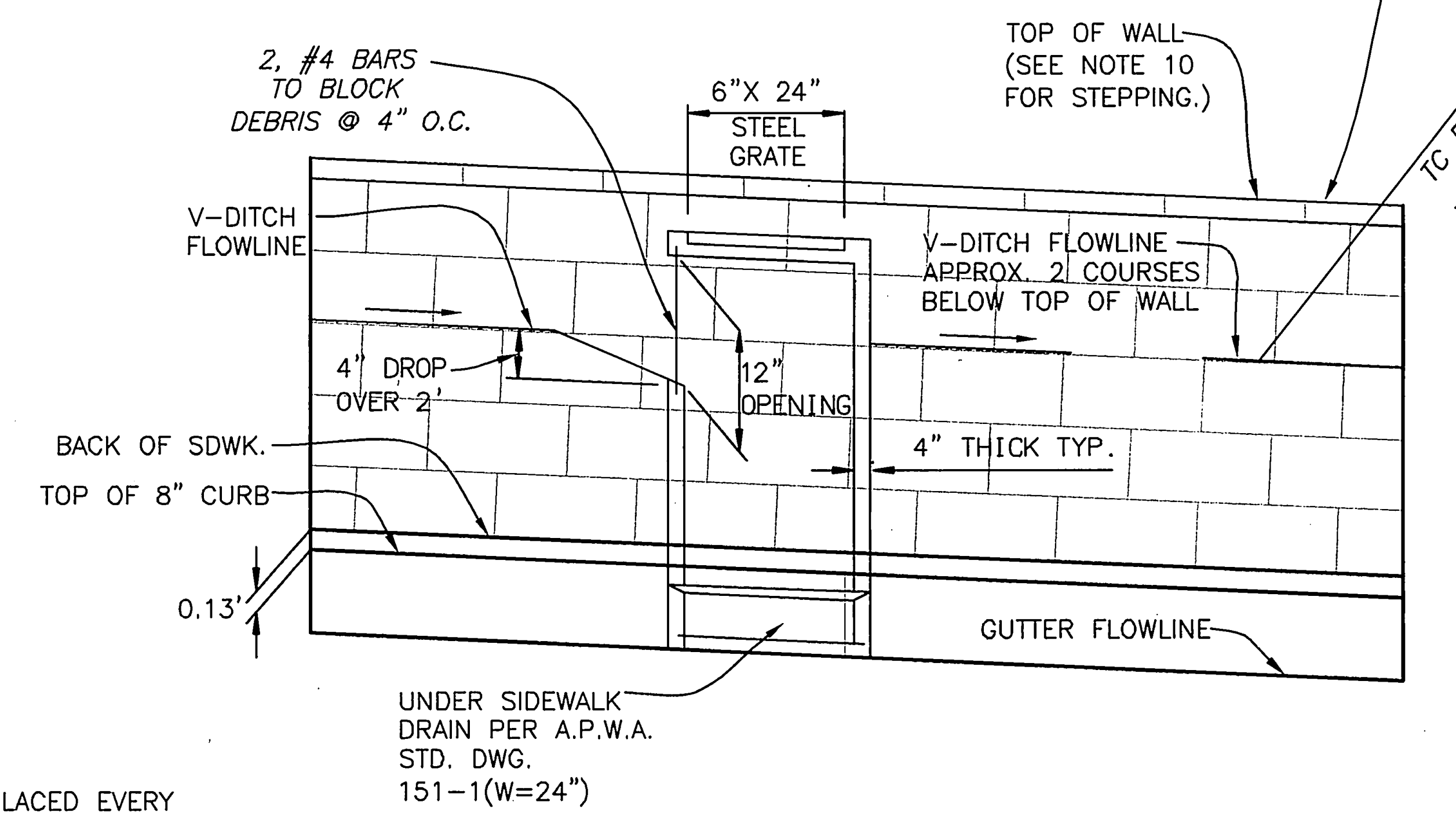
NOTES:

1. PROVIDE VERTICAL REINFORCING OF #4 BARS @ 24" O.C.
2. NO LIVE-LOAD SURCHARGE SHALL BE ALLOWED ON RETAINED SOIL.
3. POUR FOOTING AGAINST UNDISTURBED EARTH.
4. NOT USED.
5. FILL ALL CELLS SOLID WITH GROUT.
6. PCC V-DITCH TO DRAIN INTO 12" WIDE X 12" TALL, PCC DRAIN INLETS TO BE PLACED EVERY 50' AS SHOWN ON PLAN. TRANSITON V-DITCH FLOWLINE TO CENTER OF INLET OVER 4 L.F.
7. 24" WIDE PARKWAY DRAINS PER A.P.W.A. STD. DWG. 151-1 EVERY 50' AS SHOWN ON PLAN.
8. 1/2" CRUSHED AGGREGATE CONTINUOUS BEHIND SLOUGH WALL.
9. VERTICAL JOINTS IN THE FIRST COURSE ABOVE SIDEWALK TO BE LEFT UN-GROUTED EVERY OTHER BLOCK.
10. TOP OF FOOTING SHALL BE AT LEAST 3" BELOW BOTTOM OF SIDEWALK. CONSTRUCT LEVEL FOOTING AND STEP THE TOP OF FOOTING AND TOP OF WALL BY NO MORE THAN ONE COURSE TO MAINTAIN A MINIMUM 3' WALL HEIGHT ABOVE THE SIDEWALK.



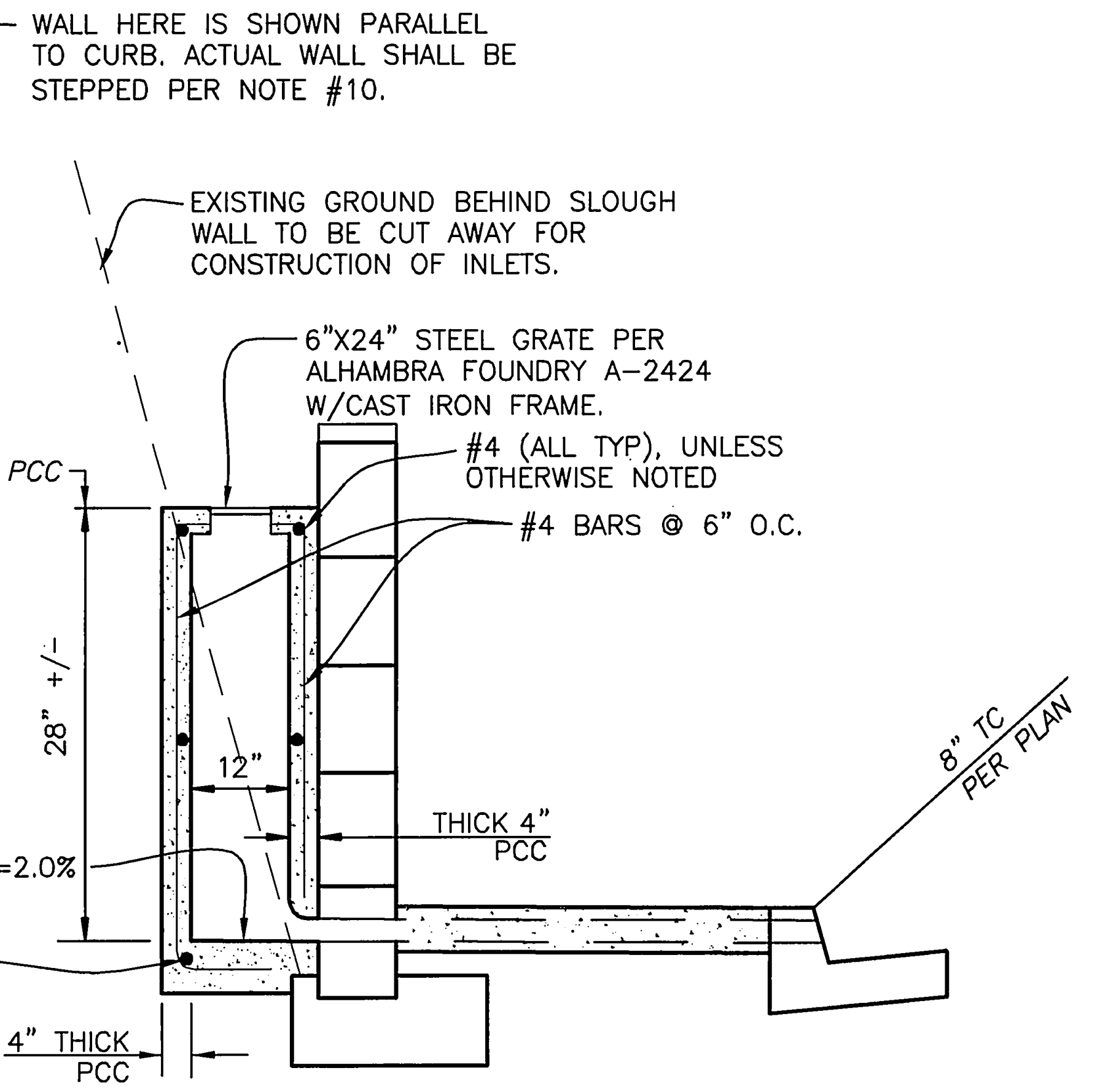
WALL DRAIN DETAIL-PLAN

Not to Scale



WALL DRAIN DETAIL-PROFILE

Not to Scale

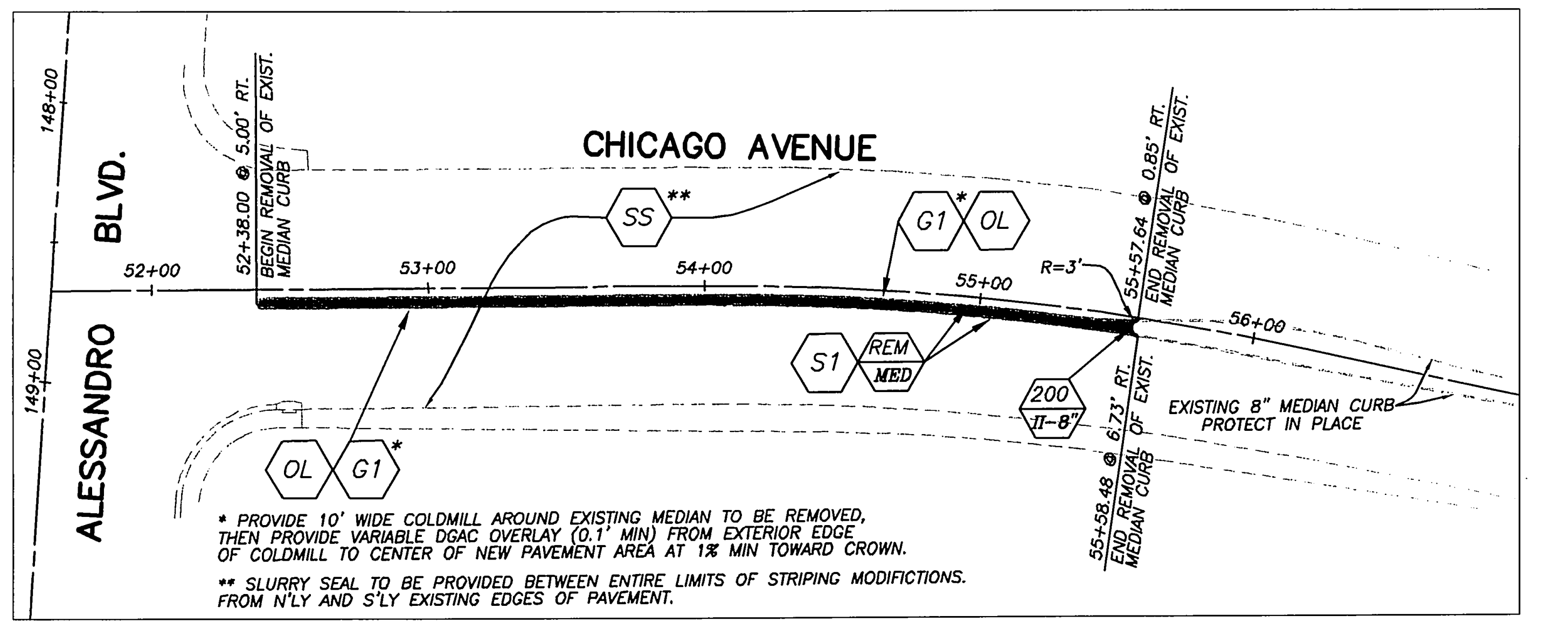


WALL DRAIN- SECTION A-A

Not to Scale

WALL CONSTRUCTION AND DRAINAGE DETALS

SCALE: NTS

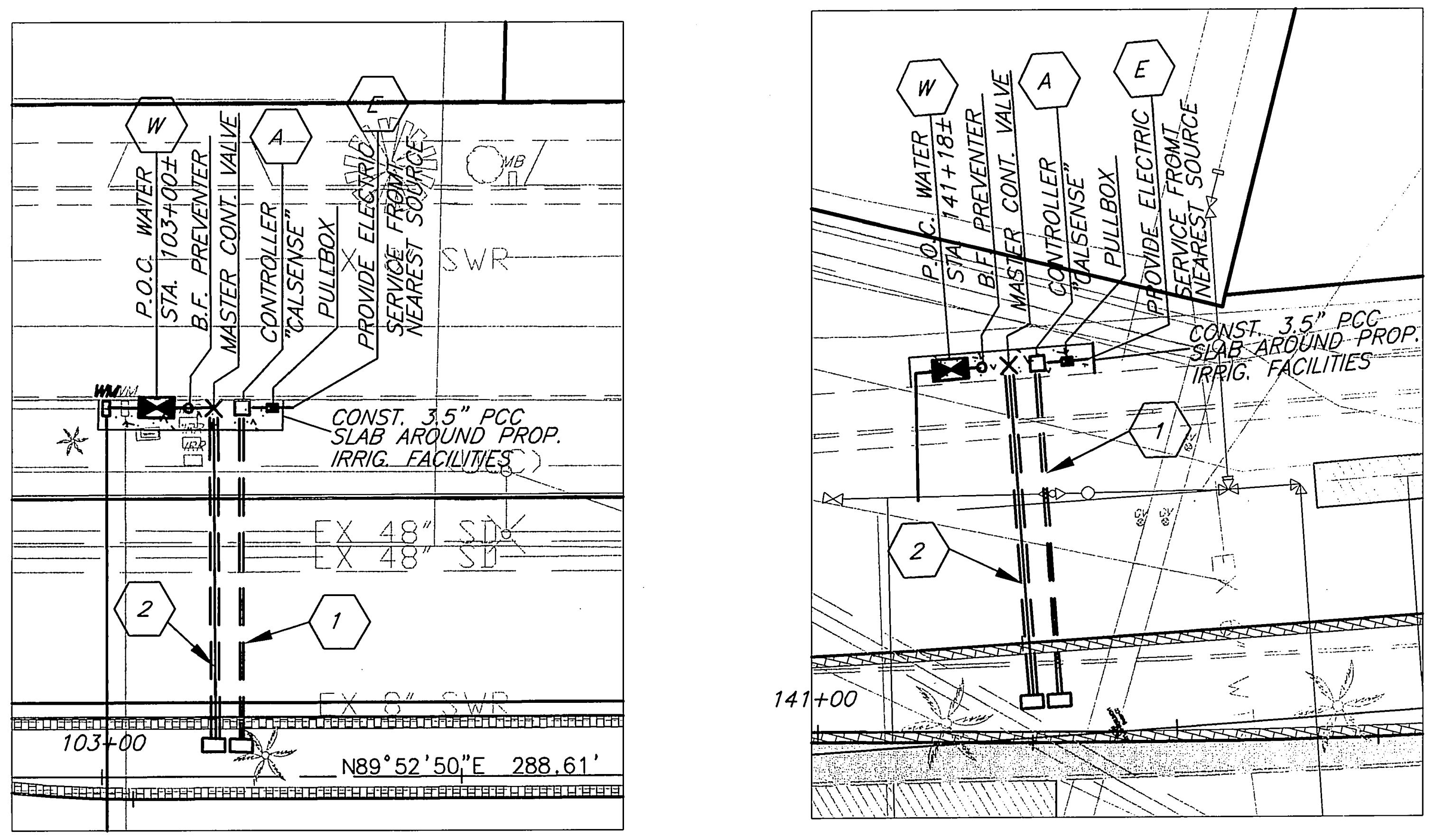


* PROVIDE 10' WIDE COLDMILL AROUND EXISTING MEDIAN TO BE REMOVED, THEN PROVIDE VARIABLE DGAC OVERLAY (0.1' MIN) FROM EXTERIOR EDGE OF COLDMILL TO CENTER OF NEW PAVEMENT AREA AT 1% MIN TOWARD CROWN.

** SLURRY SEAL TO BE PROVIDED BETWEEN ENTIRE LIMITS OF STRIPING MODIFICTIONS. FROM N'LY AND S'LY EXISTING EDGES OF PAVEMENT.

CHICAGO AVE. IMPROVEMENTS DETAIL

SCALE: 1"=40'



NOTES: 1) THE EXISTING WATER METER AT 2339 CENTRAL AVE SHALL BE ABANDONED AND RECONSTRUCTED, WHICH INCLUDES WATER METER, BACKFLOW PREVENTER, CALSENSE CONTROLLER, ELECTRIC P.O.C., AND ALL SLEEVING AND IRRIGATION NECESSARY TO COVER ALL REQUIRED LANDSCAPED AREAS INCLUDED WITHIN THESE PROJECT LIMITS. ALL THESE ITEMS INCLUDING THE CONCRETE PAVEMENT IS INCLUDED IN THE UNIT PRICE FOR IRRIGATION DESIGN AND INSTALLATION.

CHICAGO AVE LANDSCAPE SERVICE DETAILS

SCALE: 1"=20'

ADDITIONAL CONSTRUCTION NOTES

S1 REMOVAL AND RECONSTRUCTION OF EXISTING DETERIORATED PAVEMENT AREAS AND CONSTRUCTION OF NEW PAVEMENT STRUCTURAL SECTIONS SHALL BE AS FOLLOWS:
STA. 85+15± TO STA. 101+80: 0.65' DGAC OVER COMPACTED NATIVE
STA. 101+80 TO STA. 127+80: 1.00' DGAC OVER COMPACTED NATIVE
STA. 127+80 TO TO CHICAGO/ARLINGTON: 0.65' DGAC OVER COMPACTED NATIVE
ABOVE STRUCTURAL SECTIONS DO NOT INCLUDE FINAL ARHM-GG CAP. ANY COLD-MILLING REQUIRED SHALL BE COMPLETED BEFORE THE AC REMOVAL WORK BEGINS. WHEN THE REQUIRED STRUCTURAL SECTION THICKNESS EXCEEDS THE THICKNESS OF THE REMAINING EXISTING PAVEMENT, REMOVAL OF ADDITIONAL SUBGRADE WILL BE REQUIRED AS NEEDED.

WM/IRR EXISTING WATER METER NEAR STA 103+00 SHALL BE ABANDONED AND A NEW IRRIGATION SYSTEM SHALL BE PROVIDED NEAR STA 103+00 AND 141+00 PER DETAILS SHOWN HEREON.

R&R/AC REMOVE EXISTING PAVEMENT AND SUBGRADE AS NECESSARY AND REPLACE WITH STRUCTURAL SECTION S1

③ INSTALL METAL BEAM GUARD RAILING PER CALTRANS STD. DWG. NO. A77A1.

④ INSTALL METAL BEAM RAILING TERMINAL SYSTEM PER CALTRANS STD. DWG. NO. A77L2.

⑤ INSTALL METAL RAILING AND ANCHOR ASSEMBLY PER CALTRANS STD. DWG. NO. A77H1.

⑥ REMOVE EXISTING GUARDRAIL AND INSTALL NEW GUARDRAIL BEHIND CURB PER NOTES 3, 4, AND 5.

LANDSCAPE AND IRRIGATION NOTES FOR DETAILS 'A' AND 'C' ON SHEET 16

DETAIL 'A' NOTES:
1) PLANT ADDITIONAL TREES, ALTERNATING BETWEEN SPECIES, WHERE TREES CAN BE SPACED AT 30' O.C. BETWEEN EXISTING PALMS.
2) THE EXISTING WATER METERS AT 2909 ARLINGTON AVE. AND 2402 PIEDMONT ST. SHALL BE ABANDONED AND RECONSTRUCTED PER THE LAYOUT INDICATED ON SHEET 17A OF THIS PLAN SET WHICH INCLUDES WATER METER, BACKFLOW PREVENTER, CALSENSE CONTROLLER, ELECTRIC P.O.C., AND ALL SLEEVING AND IRRIGATION NECESSARY TO COVER ALL LANDSCAPED AREAS INCLUDED WITHIN THESE PROJECT LIMITS.
3) ALL EXISTING MEDIAN CURB AND STAMPED COLORED CONCRETE SHALL BE PROTECTED IN PLACE BUT ALL OTHER MATERIAL INCLUDING AC SHALL BE REMOVED. SLEEVES TO BE INSTALLED BETWEEN MEDIANS SHALL BE TRENCHED WITHIN THE EXISTING PAVEMENT SECTION AND THE SURFACE REPLACED IN KIND. ALL SLEEVES SHALL ENTER EACH MEDIAN AT A LOCATION WHERE LANDSCAPING IS TO BE INSTALLED AND BORED BENEATH THE EXISTING CURB. IF NECESSARY, CURVED PIPE CAN BE UTILIZED AT EACH SLEEVE END TO ENTER AT THE MEDIAN SIDES TO AVOID DISTURBING THE EXISTING HARDSCAPED MEDIAN NOSES.

DETAIL 'C' NOTES:
1) ALL TREES REFERENCED IN DETAIL 'C' TABLE ARE FOR THE PARKWAY SLOPE AREA ON THE EAST SIDE OF ALESSANDRO BETWEEN STATION 117+50± AND 128+50±. THE QUANTY FOR PERIWINKLE FOR ALL AREAS INDICATED ON THE PLAN.
2) THE EXISTING WATER METER AND CALSENSE CONTROLLER LOCATED AT 5991 CHICAGO AVE. CAN BE USED FOR THE IRRIGATION OF THE PERIWINKLES ON CHICAGO AVENUE TO APPROXIMATELY 1000' E'LY OF ALESSANDRO BLVD. BUT WILL REQUIRE CONSTRUCTION OF ALL SLEEVING AND IRRIGATION NECESSARY TO COVER ALL LANDSCAPED AREAS INCLUDED WITHIN THESE PROJECT LIMITS.

BENCHMARK H7-C2
ELEVATION: 946.578
BRASS DISK STAMPED "H7-C" IN A MONUMENT WELL AT THE INTERSECTION OF CENTRAL AVENUE AND VICTORIA AVENUE.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/10
DATE 11/10/08

No. 36686
Exp. 6-30-10

MARK	REVISIONS	APPR.	DATE

DESIGNED BY CS DRAWN BY CS CHECKED BY MK

APPROVED BY	BY	DATE
ENGINEERING MANAGER		
SURVEYOR		
STREET SERVICES		
TRAFFIC ENGINEER		
CONSTRUCTION ADMIN.		

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
CITY ENGINEER
DATE

CENTRAL AVE. IMPROVEMENTS
CENTRAL AVE. FROM 600' EASTERLY OF VICTORIA AVE. TO ARLINGTON AVE.
LANDSCAPE SERVICE DETAILS, WALL DRAINAGE DETAILS, CHICAGO AVE IMPROVEMENTS DETAIL, AND ADDITIONAL CONSTRUCTION NOTES
HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

ACCT. NO. -
W.O. NO. -
R-4085
SHEET 17A OF 17
FILE NO.