STORM WATER SEWER PLANS FOR
HOME DESIGN CENTER
IN MEDITERRANEAN PLAZA ADDITION

CITY OF WICHITA, KANSAS
DECEMBER, 1989

PRIVATE PROJECT NO. 236 PPS (607861)

GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

3. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

4. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL 1-800-344-7233
OR 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-571-2115
CABLEVISION	262-4270 OR 263-2061
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4071
ARKLA GAS COMPANY	942-8350 OR 263-8161

5. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

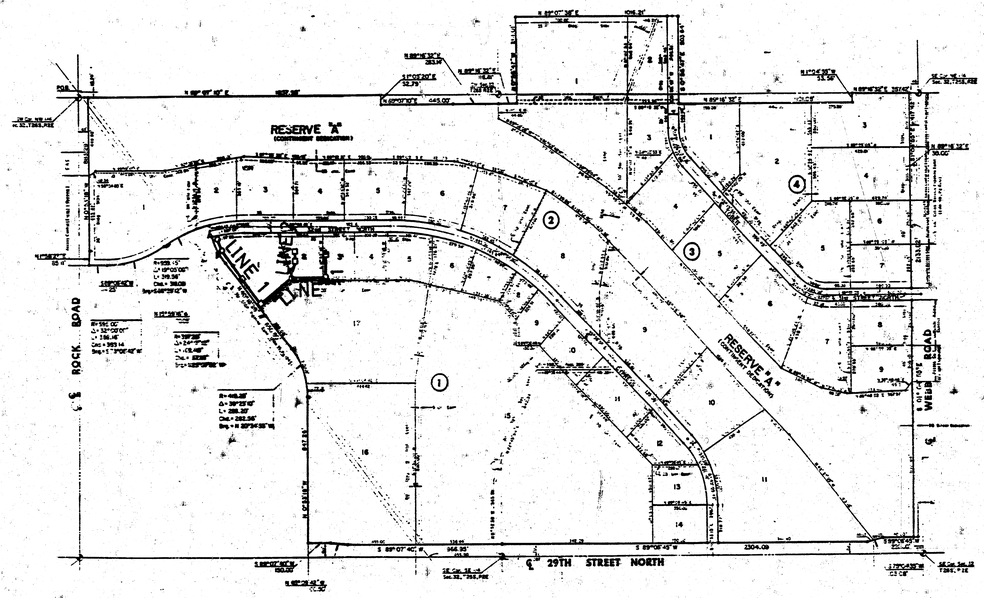
6. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS. INLET DEPRESSIONS NEED TO BE TIED TO CURB, GUTTER, AND PAVING.

7. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.

BENCH MARKS

B.M. #1 "□" cut on TC Theater Parking Lot +/- 608' E. of Rock Road 40' S of Centerline 32nd Street.
Elev. = 212.22

B.M. #2 "T" Post 5' S. and 30' E. of the NW corner of Lot 5, Block 1, Mediterranean Plaza.
Elev. = 229.75



N

Scale: 1" = 400'

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
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2 - 3	LINE 1
4	LINE 2
5	DROP INLET DETAILS
6	TYPE I INLET
7	SHALLOW TYPE "A" & "B" MANHOLES
8	FINAL PLAT

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 1/17/90
Driveway Approaches _____
Water Mains _____
Paving _____

NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

AS BUILT: 3-30-90 Booked: 4-25-90 MCG.

GREGORY J. ALLISON LICENSED 11153 KANSAS PROFESSIONAL ENGINEER

HOME DESIGN CENTER IN MEDITERRANEAN PLAZA ADD.	Design GJA
STORM WATER SEWER PLANS	Drawn by DLM, KSM
	Checked by DSS
	Date DEC. 1989
	Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226
636-5566

Sheet 1 1/4 of 8 1/4

HOME DESIGN CENTER
IN MEDITERRANEAN PLAZA ADD.
STORM WATER SEWER PLANS

Scale : 1" = 20' Horiz.
1" = 5' Vert.

N

Sta. 0+08 , Line 1
Const. Std. Shallow Type "A"
Manhole
Dia. = 5'
Top Of M.H. = 215.50

MEDITERRANEAN PLAZA ADDITION

LOT 1 BLOCK 1

℄ 32ND. ST. NO.

26.7'
20'x20' UTIL. ESMT.
18.2'
95°55'14"
24" RCP
20'
EXISTING
WATER LINE

0+99.70 A.B.
Sta. ~~0+97.70~~ , Line 1
Const. Std. Special Shallow Type "A"
Manhole
Dia. = 5'
Top Of M.H. = ~~215.80~~ ℄215.89 A.B.

165°33'21"
48.9'
15'
UTILITY 20' DRNG. ESMT BY SEP. INST.
24" RCP LINE 1

3+29.70 A.B.
Sta. ~~3+29.6~~ , Line 1
Const. ~~Std. Type 1 Curb Inlet~~ 2'x4' Drop Inlet A.B.
~~W=1'-4" , L=6'-4"~~
Inlet Top = ~~218.00~~ ℄217.6 A.B.

180°00'00"
ESMT.
90°00'00"
24" RCP
SANITARY SEWER
10' DRNG. ESMT BY SEP. INST.
20' UTIL. ESMT.
15" RCP
℄ LINE 1
15'

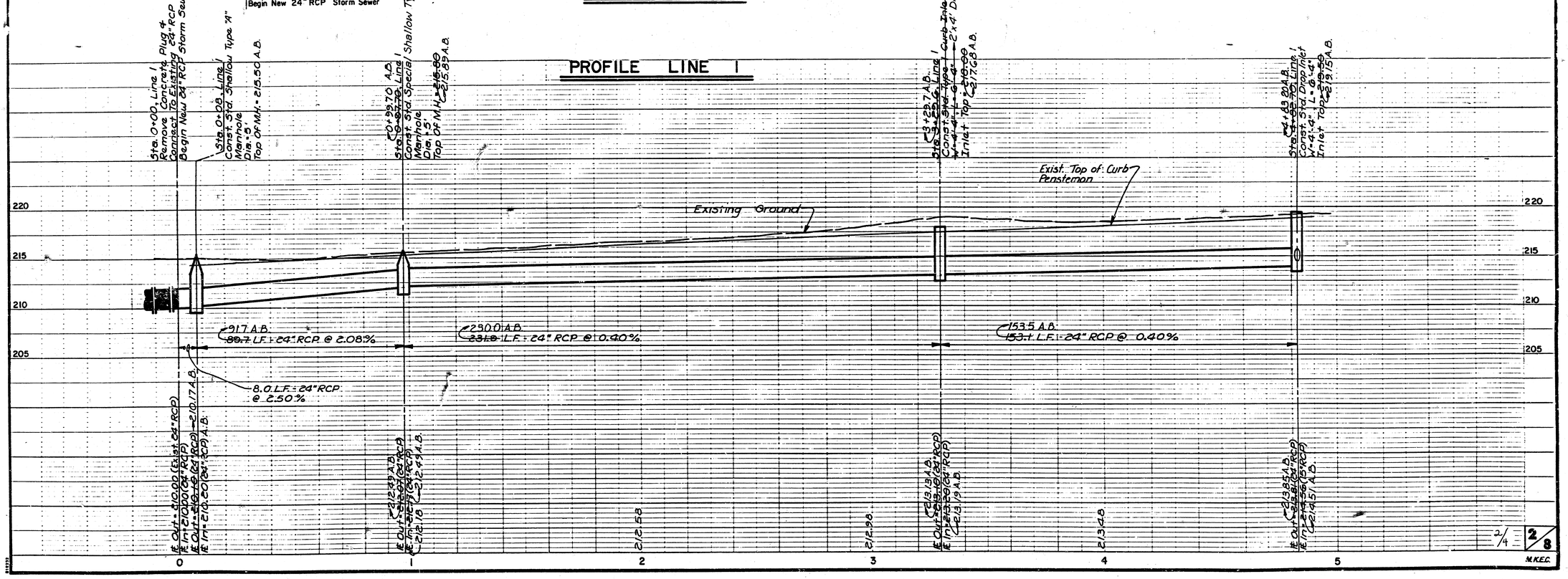
4+83.20 A.B.
Sta. ~~4+82.70~~ , Line 1
Const. Std. Drop Inlet
Inlet Top = ~~219.50~~ ℄219.15 A.B.

℄ 10 FT.
40'
35'
℄
EXISTING 8"

Sta. 0+00 , Line 1
Remove Concrete Plug And
Connect To Existing 24" RCP
Begin New 24" RCP Storm Sewer

PLAN LINE 1

PROFILE LINE 1



2/4 = 2/8

M.K.E.C.

HOME DESIGN CENTER
IN MEDITERRANEAN
STORM WATER SEWER I

N

Scale: 1" = 20' Horiz.
1" = 5 Vert.

MEDITERRANEAN

PENSTEMON

LOT 1

LOT 17

LOT 2

LOT 3

PLAZA

ADDITION

EXISTING

LINE 1

LINE 2

20' DRNG. ESMT. BY SEP. INST.

UTILITY

SANITARY SEWER

24" RCP

15" RCP

10' DRNG. ESMT. BY SEP. INST.

8' UTIL. ESMT. BY SEP. INST.

UNDG. CONDUIT

129°23' 10"

109°41' 11"

160° 18' 49"

90° 00' 00"

94° 27' 20"

TRAFFIC PAD

KG&E

EVST. SAN. SEWER

5' UTIL. ESMT. BY SEP. INST.

ESMT.

90'

10'

15'

4+83.2 A.B.
Sta. ~~4+82.7~~, LINE 1
Const. Std. Drop Inlet
Inlet Top = ~~219.50~~
219.15 A.B.

8+03.1 A.B.
Sta. ~~8+83.5~~, Line 1
Const. Std. Shallow Type "A" Manhole
Dia. = 5'
Manhole Top = ~~224.20~~
223.89 A.B.

7+52.2 A.B.
Sta. ~~7+50.4~~, Line 1 = Sta. 0+00, Line 2
Const. Std. Type I Curb Inlet
W = 4'-4", L = 6'-4"
Inlet Top = ~~220.50~~
221.10 A.B.

9+30.3 A.B.
Sta. ~~9+30.5~~, Line 1
Const. Std. Special Shallow Type "A"
Manhole With Std. Grate Cover
Dia. = 5'
Manhole Top = ~~226.20~~
225.81 A.B.

10+02.0 A.B.
Sta. ~~10+07.8~~, Line 1
Const. Std. Type I Curb Inlet
W = 4'-4", L = 6'-4"
Inlet Top = ~~225.50~~
225.73 A.B.

PLAN LINE 1

PROFILE LINE 1

Prop. Top of Curb Parking

Existing Ground

Existing Undg. Conduit

225
220
215
210

269.0 A.B.
~~268.8~~ L.F. - 15" RCP @ 0.80%

51.5 A.B.
~~53.1~~ L.F. - 15" RCP @ 0.80%

126.6 A.B.
~~127.0~~ L.F. - 15" RCP @ 3.72%

11.7 A.B.
~~13.0~~ L.F. - 15" RCP @ 0.47%

4+83.2 A.B.
Sta. ~~4+82.7~~, Line 1
Const. Std. Drop Inlet
Inlet Top = ~~219.50~~
219.15 A.B.

7+52.2 A.B.
Sta. ~~7+50.4~~, Line 1 = Sta. 0+00, Line 2
Const. Std. Type I Curb Inlet
W = 4'-4", L = 6'-4"
Inlet Top = ~~220.50~~
221.10 A.B.

8+03.1 A.B.
Sta. ~~8+83.5~~, Line 1
Const. Std. Shallow Type "A" Manhole
Dia. = 5'
MH Top = ~~224.20~~
223.89 A.B.

9+30.3 A.B.
Sta. ~~9+30.5~~, Line 1
Const. Std. Special Shallow Type "A" Manhole With Std. Grate Cover
Dia. = 5'
Manhole Top = ~~226.20~~
225.81 A.B.

10+02.0 A.B.
Sta. ~~10+07.8~~, Line 1
Const. Std. Type I Curb Inlet
W = 4'-4", L = 6'-4"
Inlet Top = ~~225.50~~
225.73 A.B.

E OUT = ~~213.85~~ A.B.
E IN = ~~214.56~~ (15" RCP)
214.51 A.B.

214.70

215.50

216.30

E OUT = ~~216.60~~ A.B.
E IN = ~~216.96~~ Line 2
E IN = ~~216.96~~ Line 1
216.64 A.B.

E OUT = ~~217.15~~ A.B.
E IN = ~~217.36~~
217.29 A.B.

220.91

E OUT = ~~221.04~~ A.B.
E IN = ~~222.04~~
221.71 A.B.

E OUT = 222.48 222.33 A.B.
E IN = ~~223.56~~ 223.23 (6" DI'C FUTURE)

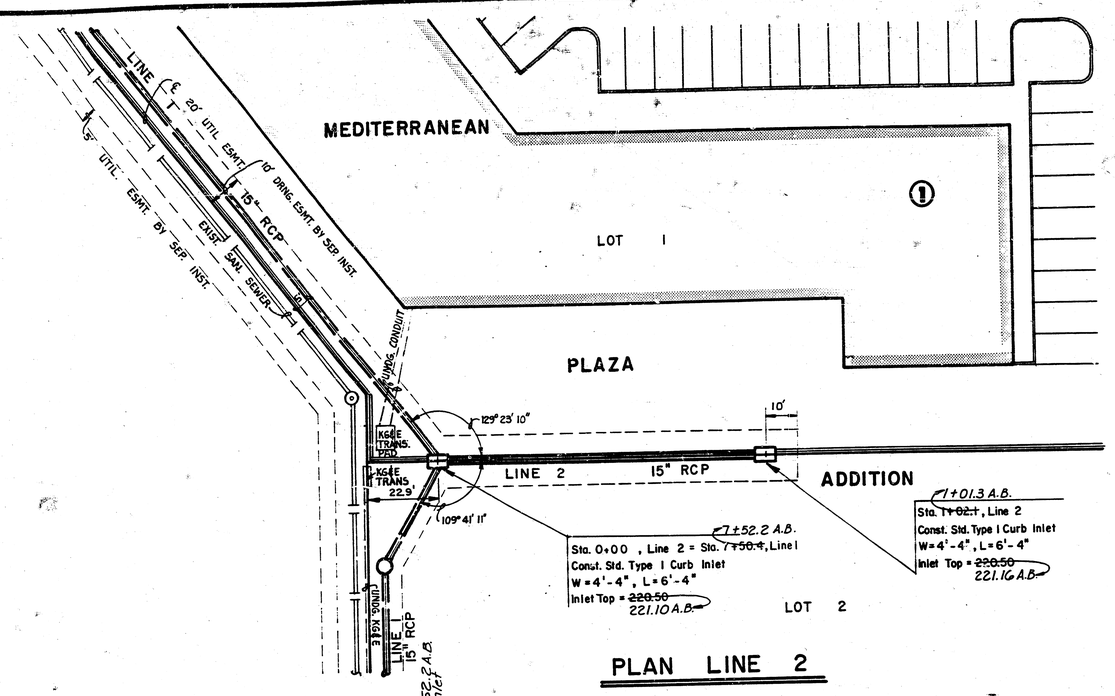
+82.7 5 6 7 8 9 10

3/4

3/8

M.K.E.C.

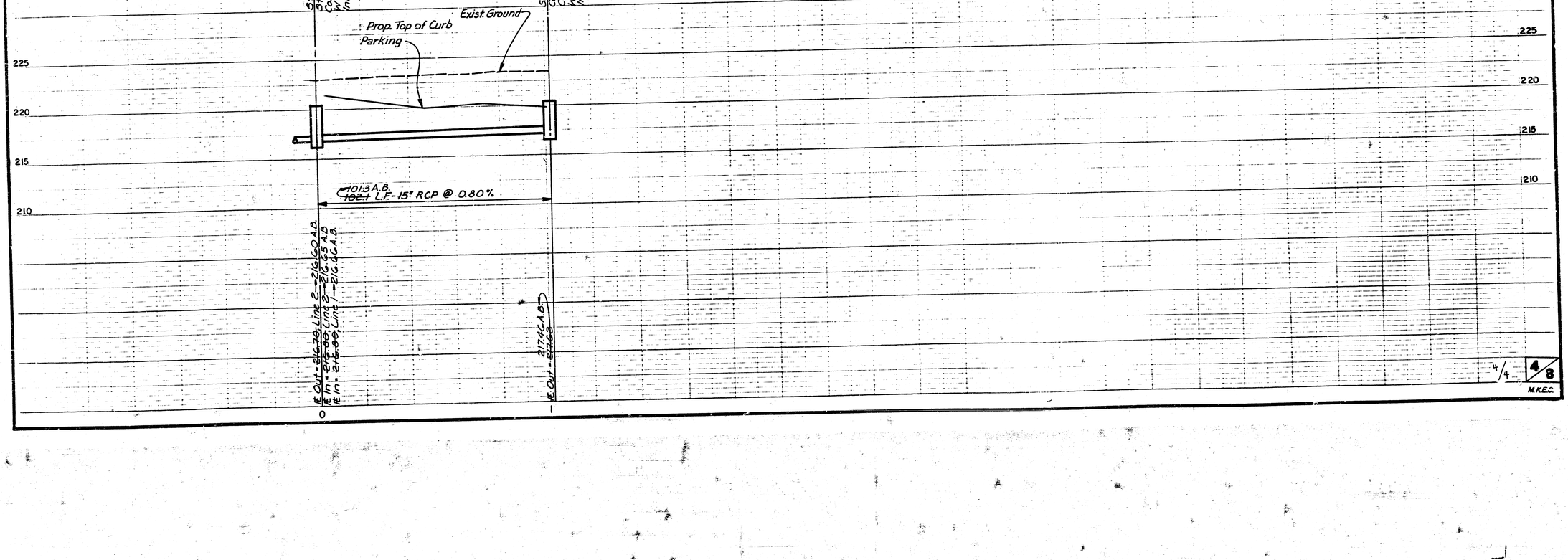
HOME DESIGN CENTER
IN MEDITERRANEAN
STORM WATER SEWER PLANS



PLAN LINE 2

N

Scale: 1" = 20' Horiz.
1" = 5' Vert.



PROFILE LINE 2

4/4

4/8

M.K.E.C.