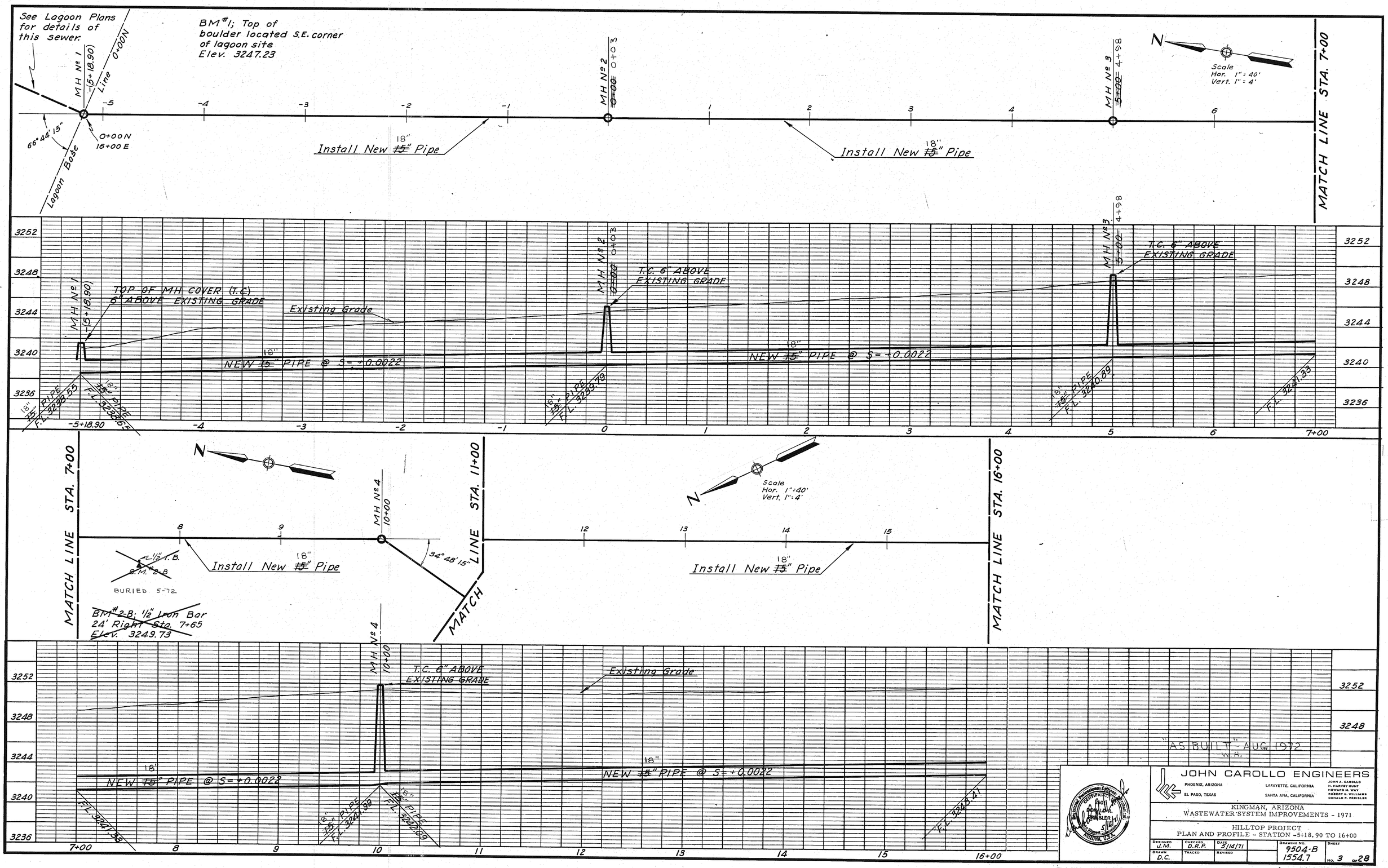
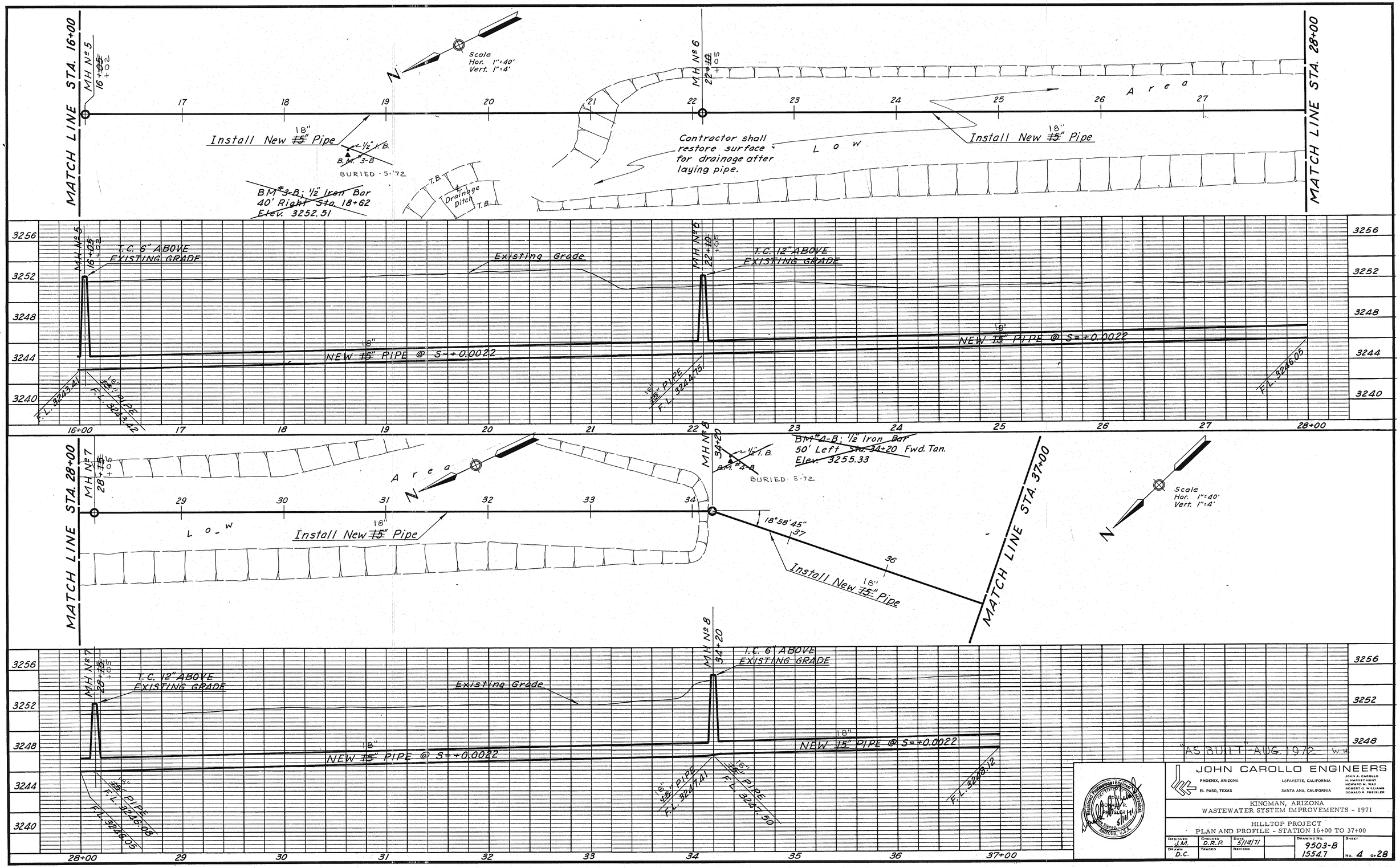

See Lagoon Plans for details of this sewer.
BM #1; Top of boulder located S.E. corner of lagoon site Elev. 3247.23
MH Nº 1
-5+18.90
Line 0+00N
66°44'15"
0+00N
16+00 E
Lagoon Base
MH Nº 2
0+03
MH Nº 3
4+98
Install New 18" ~~15"~~ Pipe
Install New 18" ~~15"~~ Pipe
Scale
Hor. 1" = 40'
Vert. 1" = 4'
MATCH LINE STA. 7+00
TOP OF MH COVER (T.C.) 6" ABOVE EXISTING GRADE
Existing Grade
T.C. 6" ABOVE EXISTING GRADE
T.C. 6" ABOVE EXISTING GRADE
NEW 18" ~~15"~~ PIPE @ S = +0.0022
NEW 18" ~~15"~~ PIPE @ S = +0.0022
18" ~~15"~~ PIPE F.L. 3238.55
18" ~~15"~~ PIPE F.L. 3238.65
18" ~~15"~~ PIPE F.L. 3239.79
18" ~~15"~~ PIPE F.L. 3240.29
F.L. 3241.33
3252
3248
3244
3240
3236
-5+18.90
7+00
MATCH LINE STA. 7+00
MATCH LINE STA. 11+00
MATCH LINE STA. 16+00
MH Nº 4
10+00
34°48'15"
Install New 18" ~~15"~~ Pipe
Install New 18" ~~15"~~ Pipe
~~1/2" I.B.~~
~~B.M. #2-B~~
BURIED 5-72
~~BM #2-B: 1/2" Iron Bar 24' Right Sta. 7+65 Elev. 3249.73~~
T.C. 6" ABOVE EXISTING GRADE
Existing Grade
NEW 18" ~~15"~~ PIPE @ S = +0.0022
NEW 18" ~~15"~~ PIPE @ S = +0.0022
F.L. 3241.33
18" ~~15"~~ PIPE F.L. 3241.99
18" ~~15"~~ PIPE F.L. 3242.09
F.L. 3242.41
7+00
16+00
"AS BUILT" AUG 1972
W.H.
JOHN CAROLLO ENGINEERS
PHOENIX, ARIZONA
EL PASO, TEXAS
LAFAYETTE, CALIFORNIA
SANTA ANA, CALIFORNIA
JOHN A. CAROLLO
H. HARVEY HUNT
HOWARD M. WAY
ROBERT G. WILLIAMS
DONALD R. PREISLER
KINGMAN, ARIZONA
WASTEWATER SYSTEM IMPROVEMENTS - 1971
HILLTOP PROJECT
PLAN AND PROFILE - STATION -5+18.90 TO 16+00
DESIGNED L.M.
CHECKED D.R.P.
DATE 2/14/71
DRAWN D.C.
TRACED
REVISED
DRAWING NO. 9504-B 1554.7
SHEET No. 3 of 28



JOHN CAROLLO ENGINEERS

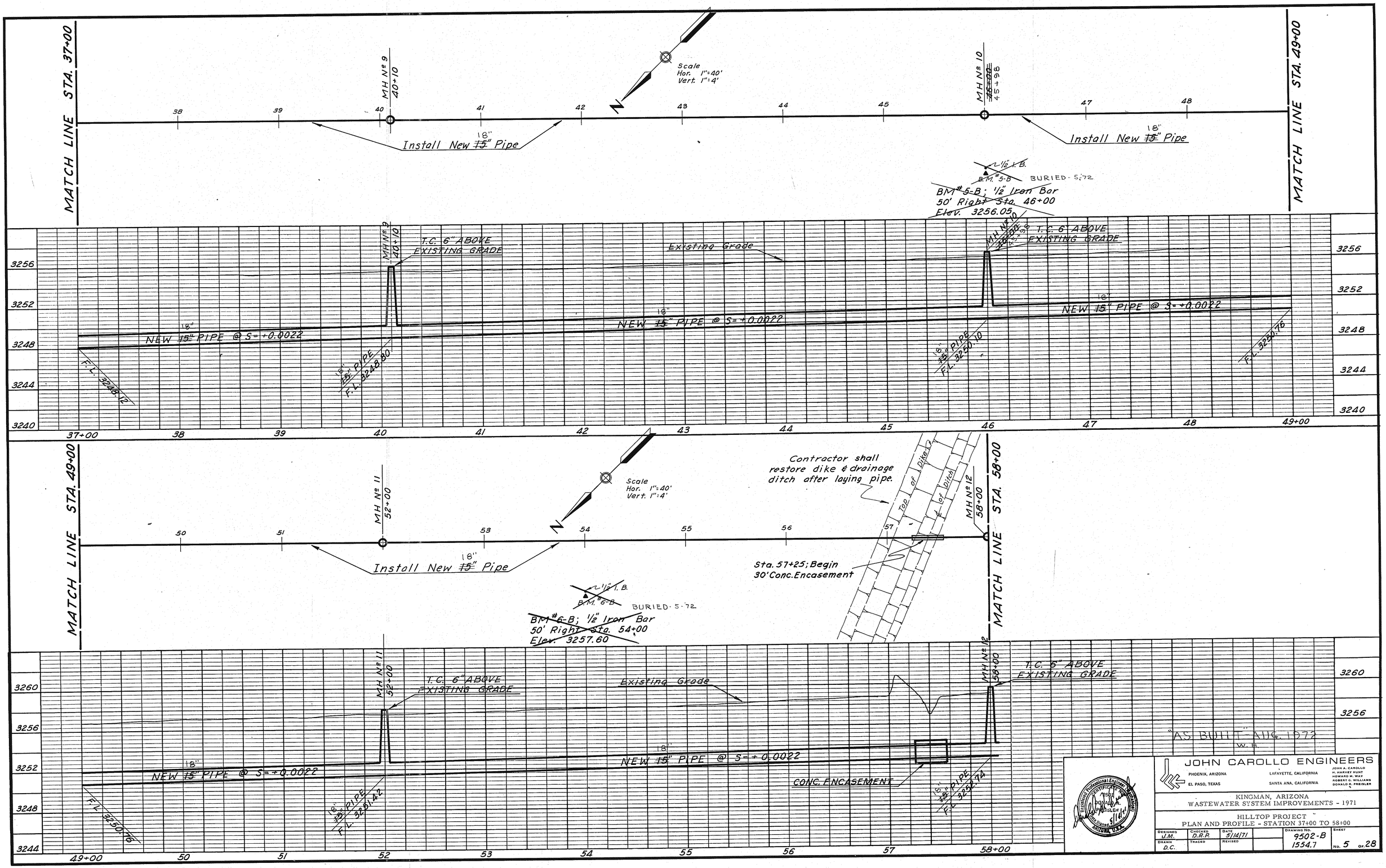
PHOENIX, ARIZONA · EL PASO, TEXAS · LAFAYETTE, CALIFORNIA · SANTA ANA, CALIFORNIA

JOHN A. CAROLLO · H. HARVEY HUNT · HOWARD M. WAY · ROBERT G. WILLIAMS · DONALD P. PREISLER

KINGMAN, ARIZONA
WASTEWATER SYSTEM IMPROVEMENTS - 1971

HILLTOP PROJECT
PLAN AND PROFILE - STATION 16+00 TO 37+00

Designed	Checked	Date		Drawing No.	Sheet
J.M.	D.R.P.	5/14/71		9503-B	
Drawn	Traced	Revised		15547	No. 4 of 28
D.C.					


MATCH LINE STA. 37+00
MATCH LINE STA. 49+00
MH Nº 9
40+10
MH Nº 10
45+96
Scale
Hor. 1"=40'
Vert. 1"=4'
Install New 18" ~~15"~~ Pipe
Install New 18" ~~15"~~ Pipe
~~1½ I.B.~~
~~B.M. #5-B~~ BURIED - 5-72
~~BM #5-B; 1/2" Iron Bar~~
~~50' Right Sta. 46+00~~
~~Elev. 3256.05~~
T.C. 6" ABOVE EXISTING GRADE
Existing Grade
T.C. 6" ABOVE EXISTING GRADE
NEW 18" ~~15"~~ PIPE @ S=+0.0022
NEW 18" ~~15"~~ PIPE @ S=+0.0022
NEW 18" ~~15"~~ PIPE @ S=+0.0022
18" ~~15"~~ PIPE F.L. 3248.80
18" ~~15"~~ PIPE F.L. 3250.10
F.L. 3250.76
F.L. 3246.12
3256
3252
3248
3244
3240
37+00
38
39
40
41
42
43
44
45
46
47
48
49+00
MATCH LINE STA. 49+00
MATCH LINE STA. 58+00
MH Nº 11
52+00
MH Nº 12
58+00
Scale
Hor. 1"=40'
Vert. 1"=4'
Contractor shall restore dike & drainage ditch after laying pipe.
Top of Dike
℄ of Ditch
Install New 18" ~~15"~~ Pipe
Sta. 57+25; Begin 30' Conc. Encasement
~~1½ I.B.~~
~~B.M. #6-B~~ BURIED - 5-72
~~BM #6-B; 1/2" Iron Bar~~
~~50' Right Sta. 54+00~~
~~Elev. 3257.60~~
T.C. 6" ABOVE EXISTING GRADE
Existing Grade
T.C. 6" ABOVE EXISTING GRADE
NEW 18" ~~15"~~ PIPE @ S=+0.0022
NEW 18" ~~15"~~ PIPE @ S=+0.0022
CONC. ENCASEMENT
18" ~~15"~~ PIPE F.L. 3251.42
18" ~~15"~~ PIPE F.L. 3252.74
F.L. 3250.16
3260
3256
3252
3248
3244
49+00
50
51
52
53
54
55
56
57
58+00
"AS BUILT" AUG. 1972
W.H.
JOHN CAROLLO ENGINEERS
PHOENIX, ARIZONA
EL PASO, TEXAS
LAFAYETTE, CALIFORNIA
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JOHN A. CAROLLO
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HOWARD M. WAY
ROBERT G. WILLIAMS
DONALD R. PRESSLER
KINGMAN, ARIZONA
WASTEWATER SYSTEM IMPROVEMENTS - 1971
HILLTOP PROJECT
PLAN AND PROFILE - STATION 37+00 TO 58+00
DESIGNED J.M.
CHECKED D.R.P.
DATE 5/14/71
DRAWING NO. 9502-B 1554.7
SHEET No. 5 OF 28
DRAWN D.C.
TRACED
REVISED