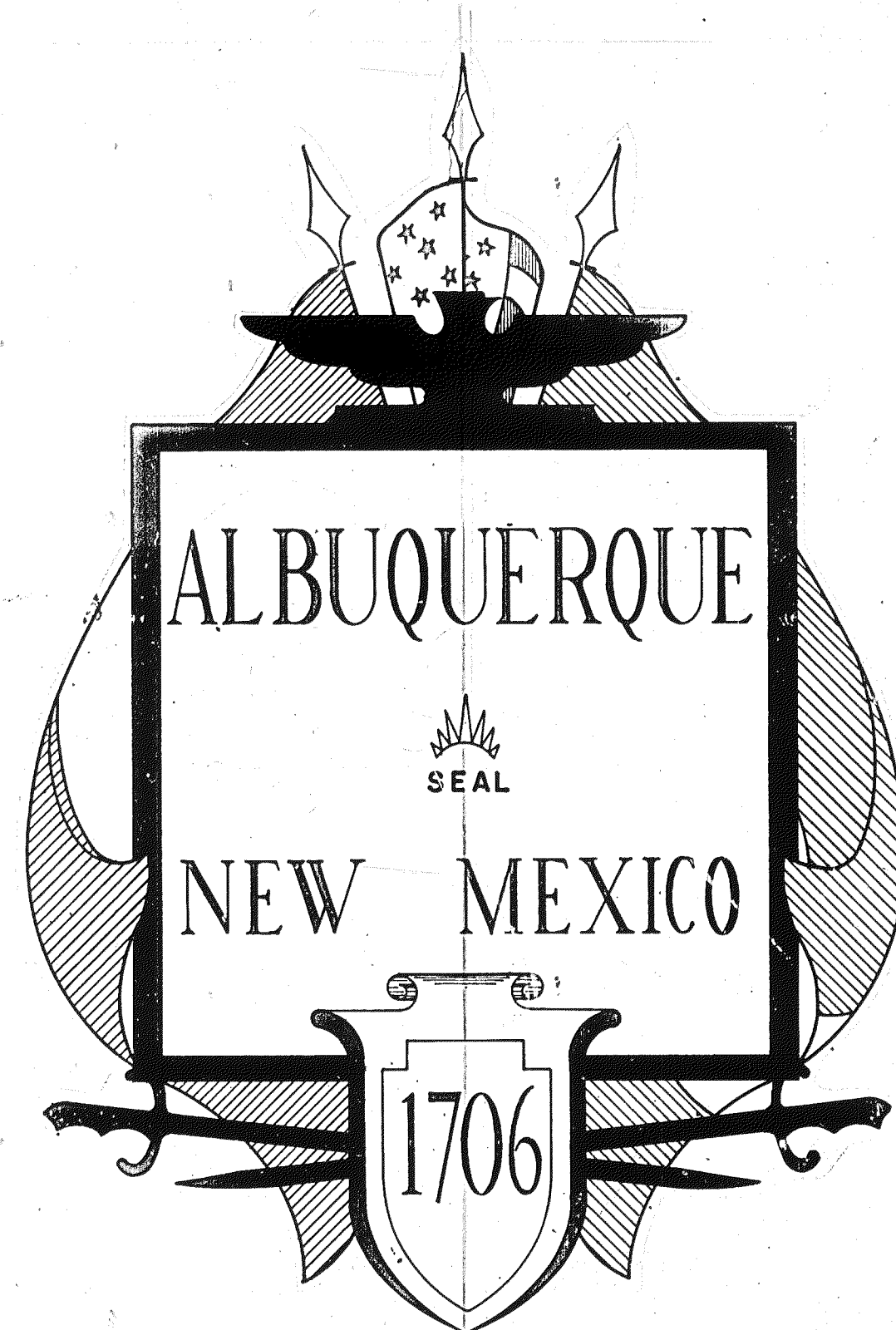


ALBUQUERQUE INTERNATIONAL
AIRPORT
LANDSCAPE DEVELOPMENT
A.D.A.P PROJECT #6-35-0003-10



ACCESS ROAD 'A'

CITY OF ALBUQUERQUE, NEW MEXICO

CRAIG CAMPBELL + ASSOCIATES
LANDSCAPE ARCHITECTS

MOLZEN - CORBIN & ASSOCIATES
CONSULTING ENGINEERS

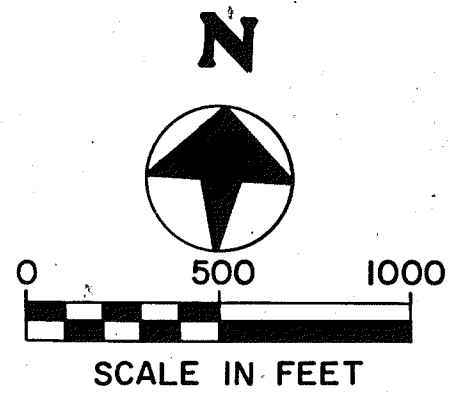
INDEX TO SHEETS

1. COVER SHEET
2. LOCATION OF WORK & SCHEDULE OF BID ITEMS
3. ACCESS ROAD 'A' - STAKING PLAN
4. " " " " - SOUTH END - STAKING PLAN
5. ACCESS ROAD 'A' - PLANTING PLAN
6. " " " " - SOUTH END - PLANTING PLAN
7. " " " " - IRRIGATION PLAN
8. " " " " - SOUTH END - IRRIGATION PLAN
9. DETAILS
10. DETAILS
11. DETAILS

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
[Signature]
DATE 8-20-02

RECORD DRAWING
DATE: BY: FROM:

1 2 3 4 5 6 7 8 9 10 11 12
06 009 018 2



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

PROJECT
WORK AREA

ACCESS ROAD 'A'

ACCESS ROAD 'A'
SOUTH END

KIRTLAND
AIR FORCE
BASE

SEE MATCH LINE THIS SHEET

SEE MATCH LINE THIS SHEET

SUMMARY OF BID ITEMS		A.D.A.P. PARTICIPATING		NON-PARTICIPATING	
ITEM #	DESCRIPTION	UNIT	ESTIMATED QUAN.	AS BUILT QUAN.	AS BUILT QUAN.
1.	INSTALLATION OF CONCRETE RAMP & CURB - GIBSON ENTRANCE	EACH			
2.	INSTALLATION OF CONCRETE RAMPS & CURBS - FAA MAINTENANCE BLDG.	EACH			
3.	DEMOLITION & RECONSTRUCTION OF PORTION OF CENTRAL MEDIAN - GIBSON ENTRANCE	LUMP SUM			
4.	IMPRESS PATTERN CONCRETE	S.F.	800	1250	
5.	POST BARRIER - INCLUDING REFLECTORS	EACH	390	360	
6.	CHAIN LINK FENCE - 5' HIGH - INCLUDING TEMPORARY FENCE & REMOVAL OF EXIST. FENCE	L.F.	2,000	1927	
7.	CROSSWALK STRIPING	LUMP SUM	LS		
8.	GRADING IN RETAINING WALL AREA	LUMP SUM	LS		
9.	TIMBER RETAINING WALL	L.F.	500	625	
10.	3/8" MINUS GRAVEL - 1 1/2" DEPTH - IN PLACE	CY	15	70	
11.	COBBLED PAVING	S.F.	7100	3725	
12.	SHRUB & VINE PLANTING INCLUDING MULCH AS SPECIFIED & WOOD HEADERS	LUMP SUM	LS		
13.	NATIVE GRASS SEEDING INCLUDING PREPARATION, FERTILIZER, MULCH	S.F.	240,000	203,731	40,000
14.	REMOVAL OF DEBRIS FROM SITE	LUMP SUM	LS		35,950
15.	IRRIGATION (EXCEPT ITEMS IN #16) MAIN LINE TAPS METERS, ELEC. DROPS & CONTROLLERS, BAKING	LUMP SUM	LS		
16.	IRRIGATION: SUBSID: 24" PIP. CIRCLE / 11" FULL CIRCLE / 11" BUBBLES PVC LATERALS: 110' OF 1" / 500' OF 1/2" / 10' OF 1/2"	LUMP SUM			
17.	BITUMINOUS PATH - 8" WIDE	L.F.		2450	2400
18.	PATH RETAINING WALL	L.F.		100	125
19.	ARIZONA CYPRESS - 8' HT. - 15 GAL.	EACH	14	4	
20.	DESERT WILLOW - 24" BOX - MIN. 8' HT.	EACH	10	5	
21.	BREMONT COTTONWOOD - 8" CAL.	EACH	20	26	
22.	GREEN ASH - 2 1/2" CAL.	EACH	15	0	11
23.	MODERATO ASH - 2 1/2" CAL.	EACH	17	17	3
24.	MORAINO HONEY LOCUST - 2 1/2" CAL.	EACH	10	0	
25.	NEW MEXICO OLIVE - 1 1/2" CAL.	EACH	3	0	
26.	PIÑON PINE - 6' HT.	EACH	33	14	
27.	PONDEROSA PINE - 8' HT.	EACH	23	23	
28.	RUSSIAN OLIVE - 2" CAL.	EACH	34	34	3
29.	SCOTCH PINE - 8' HT.	EACH	19	0	13
30.	SHADEMASTER HONEY LOCUST - 2 1/2" CAL.	EACH	9	0	
31.	LONDON PLANE - 2 1/2" CAL.	EACH	6	0	
32.	GREEN ASH - 4" CAL.	EACH	15	15	
33.	SKYLINE LOCUST - 4" CAL.	EACH	40	40	
34.	AUSTRIAN PINE - 6' HT.	EACH	19	19	
35.	RE-EXIST FENCE POSTHOLE	LS			
36.	EXCESS COST OF TRENCH & BACKFILL IN BUBBLE FILL	EACH	800	1200	
37.	BORROW & PLACE AREA FILL	CY	1200	1200	

06 0109 1028 21

RECORD DRAWING

DATE: BY: FROM:

ALBUQUERQUE INTERNATIONAL AIRPORT
CITY OF ALBUQUERQUE, NEW MEXICO

Craig Campbell Associates
landscape architects

418 Central Ave. SW., Albuquerque, N.M.

MOLZEN-CORBIN & Associates

Consulting Engineers

ALBUQUERQUE NEW MEXICO

Drawn C.C. Checked C.C.

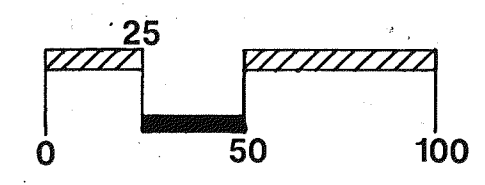
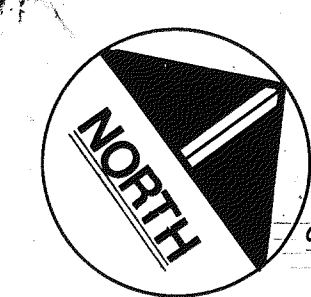
Date 7-18-81

2 of 11

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AS-BUILT NOTE:
 ACTUAL CONSTRUCTED LOCATION OF PATH WAS ADJUSTED IN FIELD AND VARIED SLIGHTLY FROM LOCATION INDICATED ON THIS SHEET.

1
3
 PATH STAKING DETAIL
 3/2" = 1'-0"
 CONSTRUCT TEMPORARY FENCE W/ EXISTING FENCE MATERIAL
 2" WIRE - POSTS @ 6' O.C.
 (COST TO BE INCLUDED IN CHAIN LINK FENCE BID ITEM)



NOTES:
 * CONTRACTOR IS TO LAY OUT THE PATH WITH STAKES AT 50' INTERVALS (MAX.) AND WITH A CHALK LINE TO CLEARLY MARK THE EAST EDGE OF THE PATH OVER ITS ENTIRE LENGTH. LANDSCAPE ARCHITECT IS TO REVIEW LAYOUT AND TO MAKE CHANGES AS REQUIRED. CONTRACTOR IS TO ADJUST POSITION OF STAKES AND CHALK LINE AS NECESSARY UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT. PATH ALIGNMENT IS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
 * CONTRACTOR IS TO REMOVE ALL DEBRIS FROM SITE. INCLUDED IS ALL CONCRETE, BROKEN PAVING, AND LITTER. CONTRACTOR IS TO CLEAN OUT ALL DRAINAGE CHANNELS OF TUMBLE-WEEDS AND OTHER DEBRIS.
 * CONTRACTOR IS TO GRADE AREA ADJACENT TO THE PATH SO AS TO MEET MAX. PITCH REQUIREMENTS AS SPECIFIED ON DETAIL 1/3.

* SEE AS-BUILT NOTE UPPER LEFT THIS SHEET

LEGEND:

○ M.H.	MANHOLE
○ L.P.	LIGHT POST
□ H.V.L.	HIGH VOLTAGE LIGHTING BOX
○ T.L.	TRAFFIC LIGHT
• S.P.	SIGN POST
• T.P.	TELEPHONE POST
▨	ADAP NON-PARTICIPATING AREA (AIRPORT DEVELOPMENT AID PROGRAM = A.D.A.P.)

NOTE: ACCESS ROAD 'A' EXISTS AS INDICATED ON THIS SET OF DRAWINGS. NO DEMOLITION OR ADDITIONS TO THE PAVING CURB & GUTTER, DIVIDERS OR MEDIANS ARE INCLUDED IN THIS PROJECT, EXCEPT WORK INDICATED ON MEDIAN AT GIBSON ENTRANCE AS SHOWN THIS SHEET AND SHT. #9.

STAKING PLAN 1" = 50'

ALBUQUERQUE INTERNATIONAL AIRPORT LANDSCAPE DEVELOPMENT - ACCESS ROAD 'A'

RECORD DRAWING
 DATE: BY: FROM:

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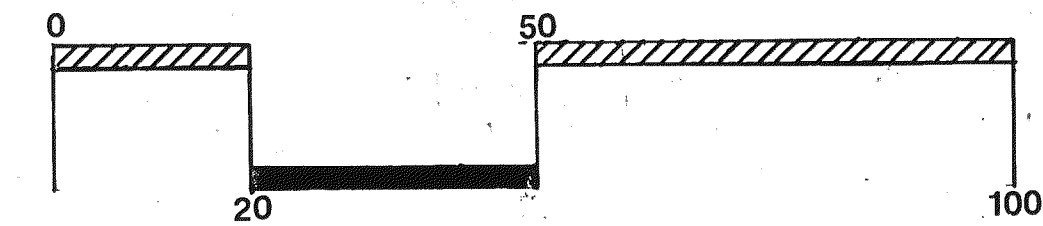
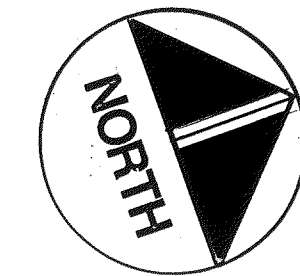
Craig Campbell Associates
 landscape architects
 418 Central Ave. SW., Albuquerque, N.M.

MOLZEN-CORBIN & Associates
 Consulting Engineers
 ALBUQUERQUE NEW MEXICO

Drawn WSP Checked C.C./K.P. 3 of 11
 File Date 6/20/81

NOTES:

- CONTRACTOR IS TO LAY OUT THE PATH WITH STAKES AT 50' INTERVALS (MAX) AND WITH A CHALK LINE TO CLEARLY MARK THE EAST EDGE OF THE PATH OVER ITS ENTIRE LENGTH. LANDSCAPE ARCHITECT IS TO REVIEW LAYOUT AND MAKE CHANGES AS REQUIRED. CONTRACTOR IS TO ADJUST POSITION OF STAKES AND CHALK LINE AS NECESSARY UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT. THE PATH ALIGNMENT IS TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- CONTRACTOR IS TO GRADE AREA ADJACENT TO THE PATH SO AS TO MEET MAX. SLOPE REQUIREMENTS AS SPECIFIED ON DETAIL.
- CONTRACTOR IS TO PAINT PATH CROSSWALK ACCORDING TO NEW MEXICO STATE HWY. DEPT. SPEC. M-PPC W/ REFLECTORIZING GLASS BEADS... SHD-DESIGNATION... M-GRB TYPE 2, COLOR TO BE WHITE.
- MATERIALS AND INSTALLATION SHALL CONFORM TO THE N.M. STATE HIGHWAY DEPT. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (1976) SECTION 704.
- EXISTING ELEMENTS ON SITE TO REMAIN, UNLESS OTHERWISE NOTED.



AS-BUILT NOTE:

ACTUAL CONSTRUCTED LOCATION OF PATH WAS ADJUSTED IN FIELD AND VARIES SLIGHTLY FROM LOCATION INDICATED ON THIS SHEET.

AS-BUILT NOTE:

SEE SHEET #2 OF 11 FOR ACTUAL AS-BUILT LOCATION OF RETAINING WALLS.

AS-BUILT NOTE:

SEE SHEET #8 OF 11 FOR EXTENT OF COBBLES IN THIS AREA.

STAKING PLAN

1" = 20'

ALBUQUERQUE INTERNATIONAL AIRPORT

LANDSCAPE DEVELOPMENT — ACCESS ROAD 'A'

SOUTH END

RECORD DRAWING

DATE: BY: FROM:

Craig Campbell Associates
landscape architects

418 Central Ave. SW, Albuquerque, N.M.

MOLZEN-CORBIN & Associates
Consulting Engineers

ALBUQUERQUE NEW MEXICO

Drawn WSP Checked CC
File Date 6/20/81

Sheet
4 of 11

PLANT LIST

QUAN.	COMMON NAME	BOTANICAL NAME	SIZE	NOTES
20	ARIZONA CYPRESS	CLIPSELYS ARIZONICA	8' HT. MIN.	15 GAL.
10	DESERT WILLOW *	CHLOPSIS LINEARIS	24" BOX	PRUNE UP LOWER BRANCHES @ LEAST 5'-0"
37	FREMONT COTTONWOOD *	POPULUS FREMONTII	3" CAL.	
15	GREEN ASH *	FRAXINUS PENNSYLVANICA	2 1/2" CAL.	
6	LONDON PLANE	PLATANUS ACERIFOLIA	2 1/2" CAL.	
20	MODESTO ASH *	FRAXINUS VELLUTINA 'MODESTO'	2 1/2" CAL.	
39	MORAIN HONEY LOCUST *	GLEDTISIA TRIACANTHOS INERMIS MORAIN	2 1/2" CAL.	
3	NEW MEXICO OLIVE	FORESTIERA NEOMEXICANA	1 1/2" CAL.	MIN. 4 STEMS
30	PINON PINE	PINUS EDULIS	6' HT. MIN.	MIN. ROOTBALL 24" x 24"
23	PONDEROSA PINE	PINUS PONDEROSA	8' HT. MIN.	" " " " " "
37	RUSSIAN OLIVE	ELEAGNUS ANGUSTIFOLIA	8" CAL.	PRUNE UP LOWER BRANCHES @ LEAST 6'-0"
19	SCOTCH PINE *	PINUS SYLVESTRIS	8' HT. MIN.	
9	SHADEMASTER HONEY LOCUST *	GLEDTISIA TRIACANTHOS INERMIS SHADEMASTER	2 1/2" CAL.	
105	BROADWOOD JUNIPER	J. SABINA 'BROADWOOD'	5 GAL.	24" SPREAD
101	MINT JULEP JUNIPER	J. CHINENSIS 'MINT JULEP'	5 GAL.	" " " "
105	ANDORRA JUNIPER	J. HORIZONTALIS 'PLUMOSA'	5 GAL.	" " " "
27	SPANISH BROOM	GENISTIA HISPANICA	5 GAL.	
372	TAM JUNIPER	J. SABINA TAMARIS CUFOLIA	5 GAL.	24" SPREAD
150	CHAMISA	CHRYSOTHAMNUS NAUSEOSUS	1 GAL.	MIN. HT. 8", MIN. SPREAD 8"
18	HONEY SUCKLE VINE	LONICERA JAPONICA 'HALLIANA'	1 GAL.	
	NATIVE GRASS SEED MIX		SEEDING RATE	
	BUFFALO GRASS - (COVANCHIE-TREATED)	BUCHLOE PACTYLOIDES 'COVANCHIE'	40 LBS/ACRE	SEE SPECS.
	BLUE GRAMA	BOUTELOUA GRACILIS	2 LBS/ACRE	SEE SPECS.
	GALLETA	HILARIA JAMESII	2 LBS/ACRE	" " " "

NATIVE ANNUAL/PERENNIAL FLOWER SEED TO BE PROVIDED AT NO COST TO THE CONTRACTOR FOR USE IN GRASS MIXTURE. RATE TO BE DETERMINED.

GENERAL NOTES:

ALL LOCUSTS, SYCAMORE AND ASH TO BE FIELD OR CONTAINER GROWN IN NEW MEXICO MIN. 1 YEAR. ALL TREES ARE TO BE PREMIUM QUALITY, WELL BRANCHED AND SHAPED SYMMETRICAL. ALL * TREES MUST BE INSPECTED AND TAGGED FOR APPROVAL BY LANDSCAPE ARCHITECT AT NURSERY OR YARD PRIOR TO DELIVERY AT SITE.

ALL PLANT MATERIAL LOCATIONS AND ORIENTATIONS ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

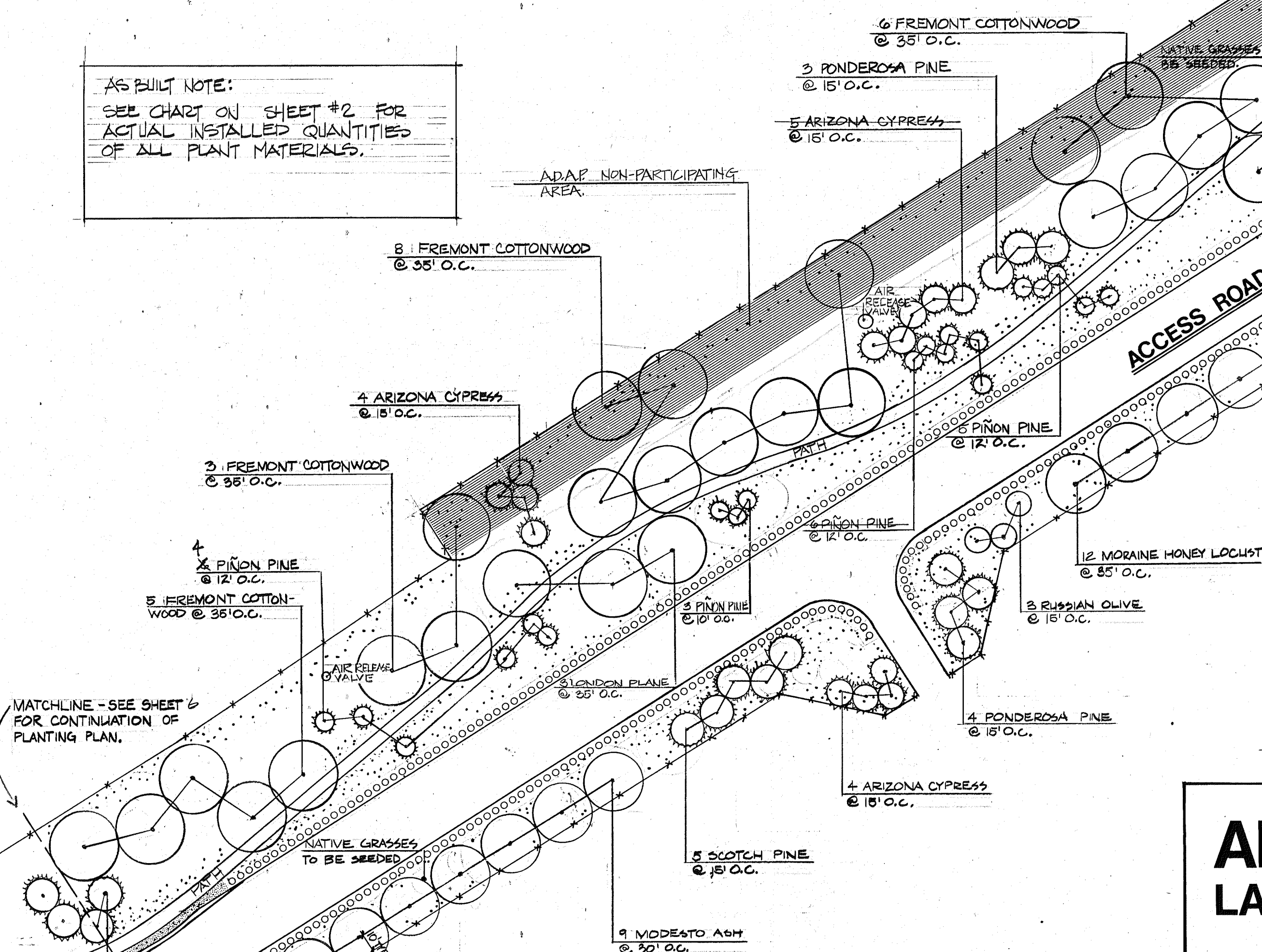
PLANT QUANTITIES SHOWN ON PLANT LIST ARE APPROXIMATE ONLY. CONTRACTOR IS TO PROVIDE PLANT MATERIAL IN QUANTITIES AS SHOWN ON THE PLANTING PLAN.

TREES & NATIVE SEEDING IN ADAP NON-PARTICIPATING AREA TO BE LISTED SEPARATELY IN BID ITEM LIST - SHEET 2.

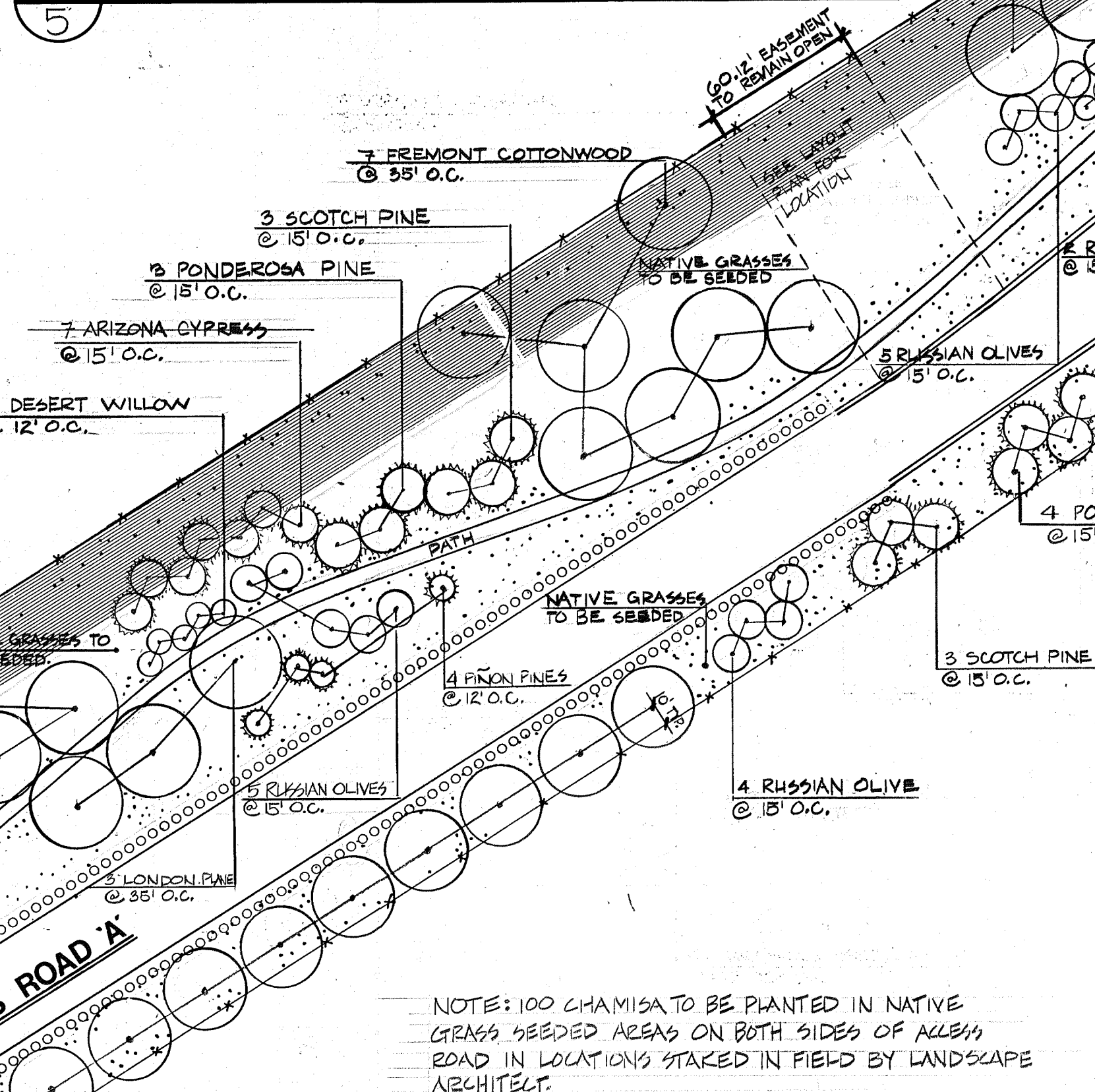
AS BUILT NOTE:

SEE CHART ON SHEET #2 FOR ACTUAL INSTALLED QUANTITIES OF ALL PLANT MATERIALS.

ADAP NON-PARTICIPATING AREA



1 GIBSON BLVD. PLANTING DETAIL



2 GIBSON BLVD. PLANTING DETAIL

SCALE: 3/32" = 1'-0"

PLANTING PLAN 1" = 50'-00"

ALBUQUERQUE INTERNATIONAL AIRPORT LANDSCAPE DEVELOPMENT - ACCESS ROAD 'A'

RECORD DRAWING

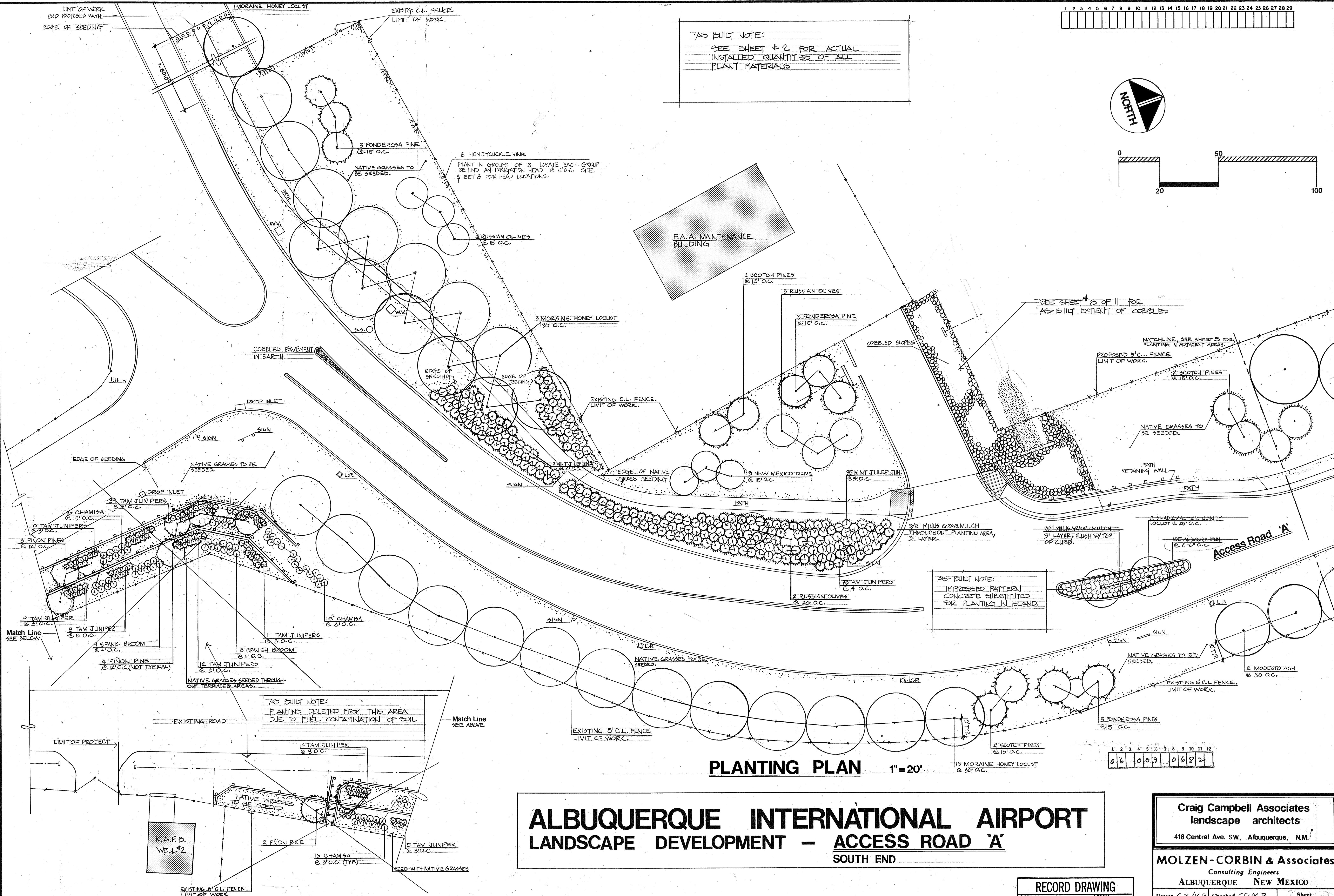
DATE: BY: FROM:

Craig Campbell Associates
landscape architects
418 Central Ave. SW., Albuquerque, N.M.

MOLZEN-CORBIN & Associates
Consulting Engineers
ALBUQUERQUE NEW MEXICO

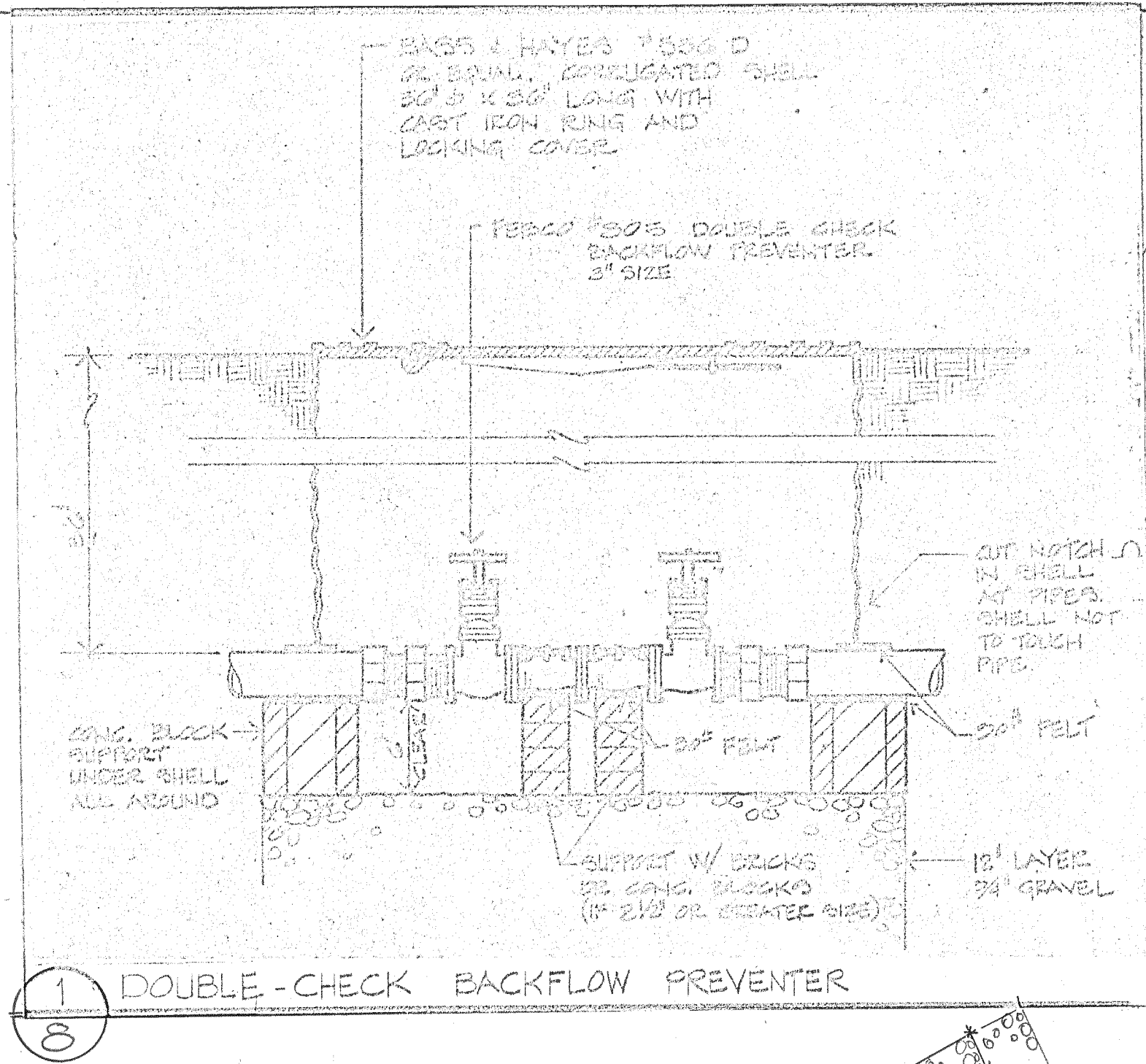
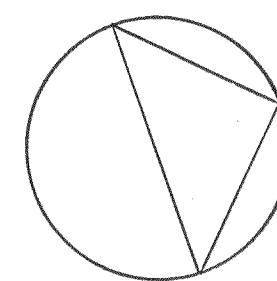
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Sheet 11 of 11

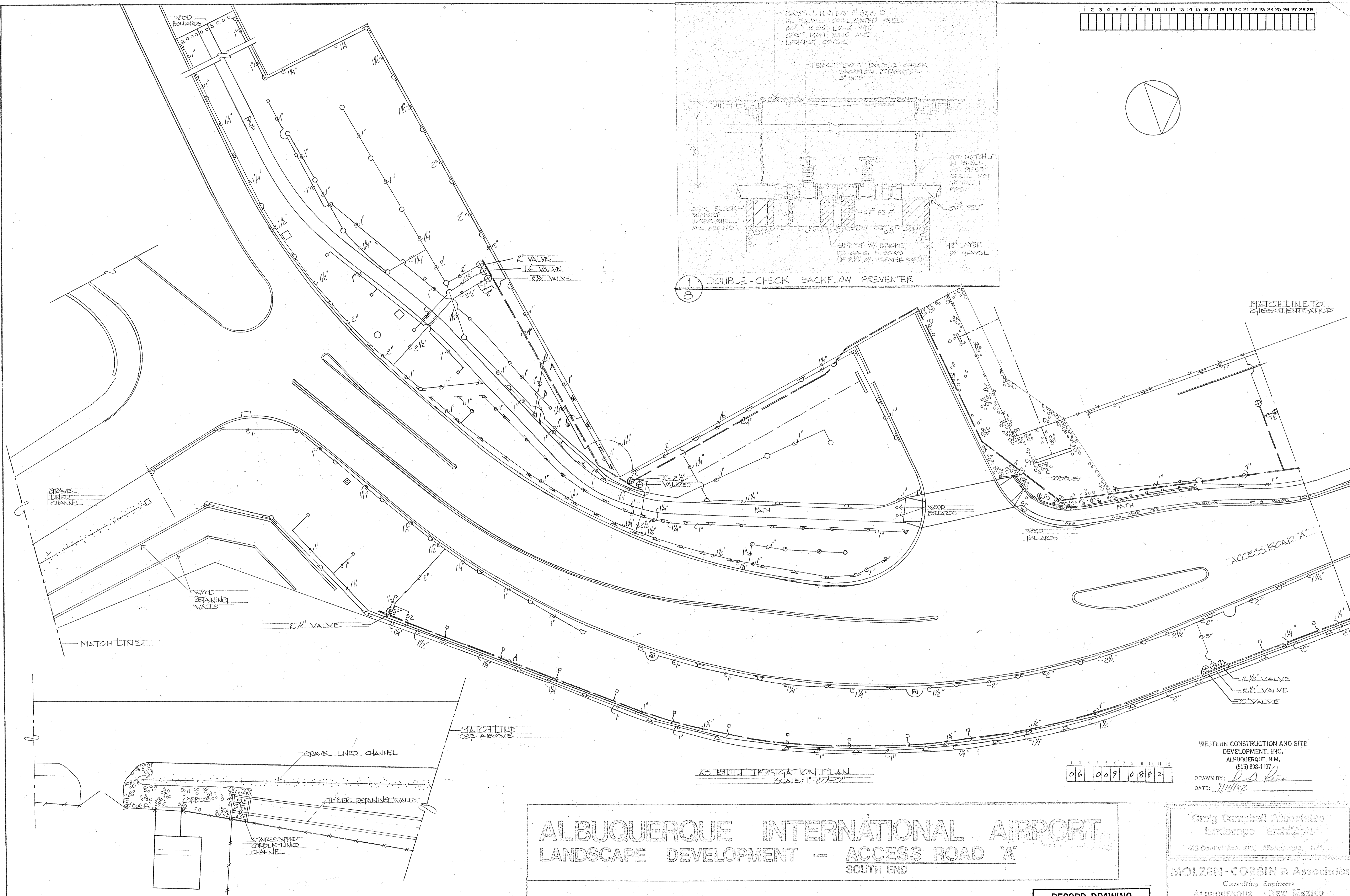


ALBUQUERQUE		New Mexico	
Drawn	Checked	7 OF 11	
File	Date: 6/20/81		

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1 DOUBLE-CHECK BACKFLOW PREVENTER
8



AS BUILT IRRIGATION PLAN
SCALE: 1"=20'-0"

1	2	3	4	5	6	7	8	9	10	11	12
06	009	0882									

WESTERN CONSTRUCTION AND SITE
DEVELOPMENT, INC.
ALBUQUERQUE, N.M.
(505) 898-1197
DRAWN BY: *D.S. Pines*
DATE: 7/14/82

ALBUQUERQUE INTERNATIONAL AIRPORT LANDSCAPE DEVELOPMENT — ACCESS ROAD "A" SOUTH END

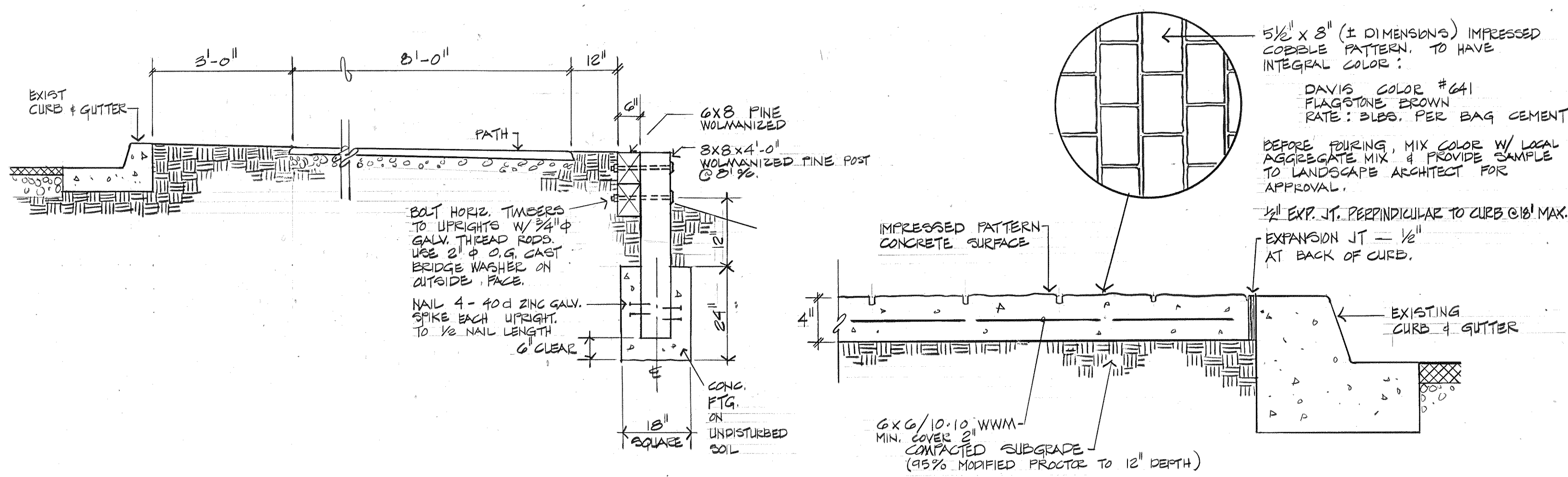
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DATE:	BY:	FROM:

Craig Campbell Associates
landscape architects
410 Central Ave. SW, Albuquerque, N.M.

MOLZEN-CORBIN & Associates
Consulting Engineers
ALBUQUERQUE New Mexico

Drawn: *[Signature]* Checked: *[Signature]* Date: 6/2/81

File: *[Signature]*

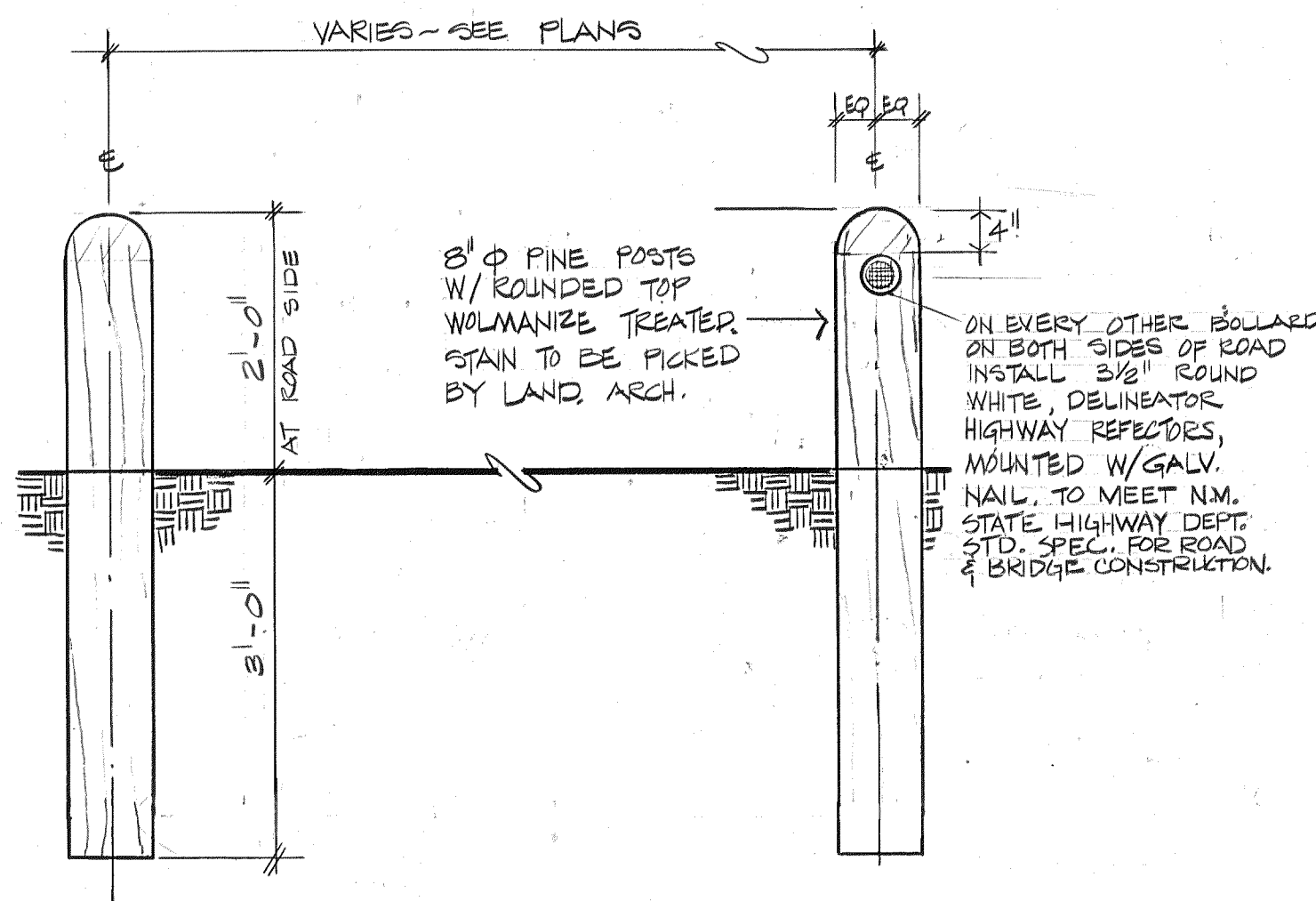


1 PATH RETAINING WALL
N.T.S.

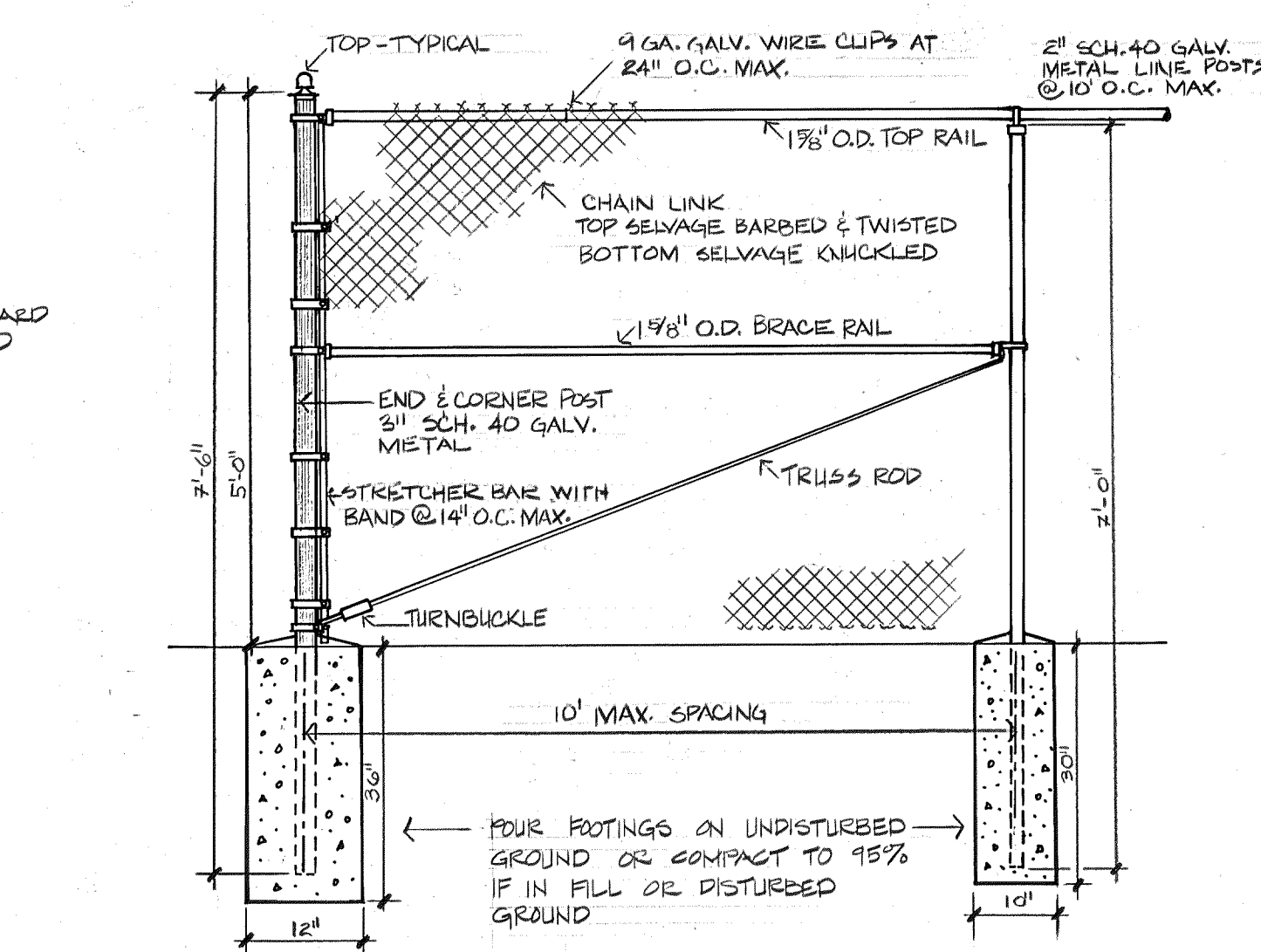
2 IMPRESSED CONCRETE DETAIL
N.T.S.

3 PATH RAMP
AT GIBSON ENTRANCE
N.T.S.

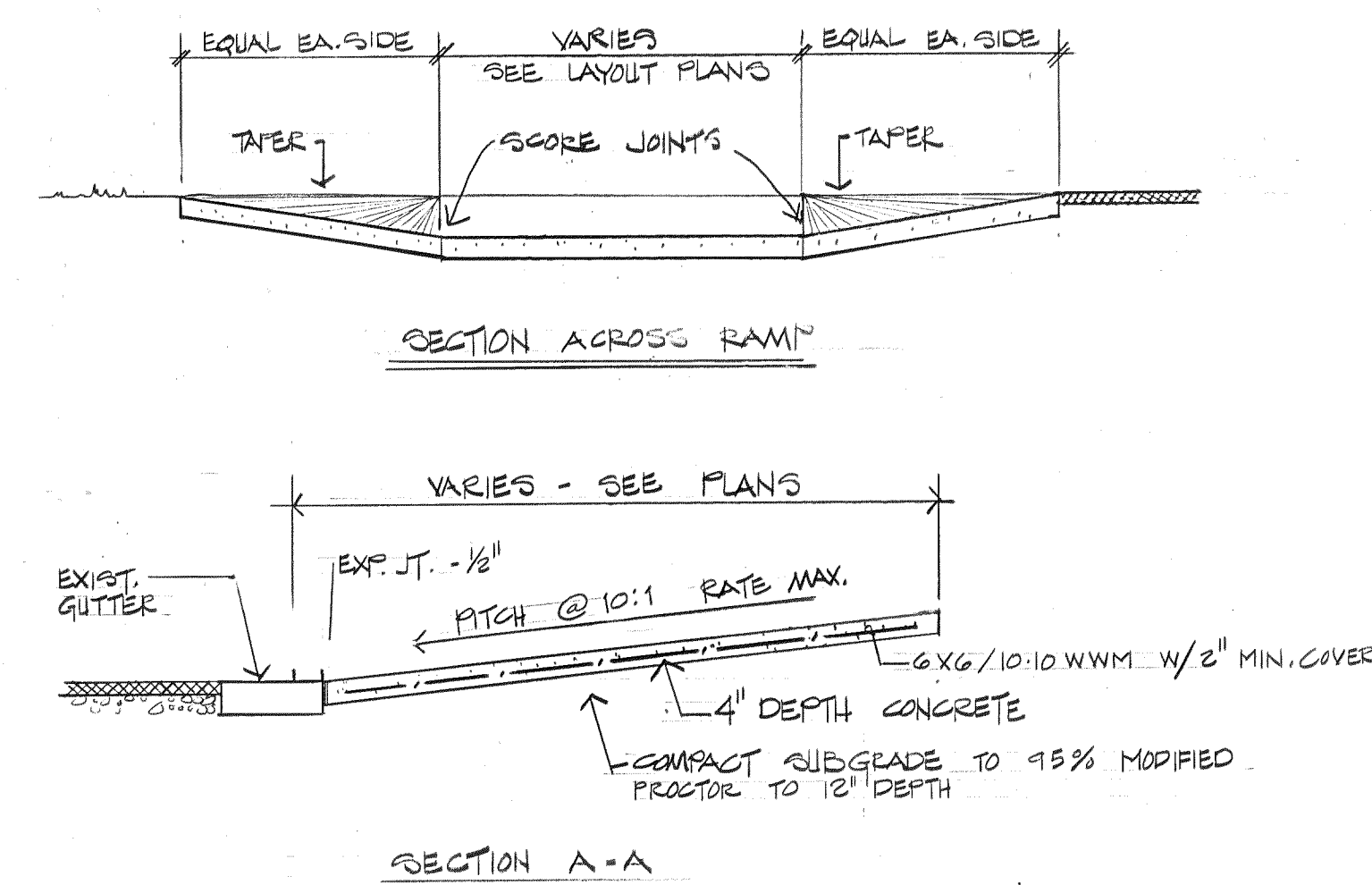
4 PATH
N.T.S.



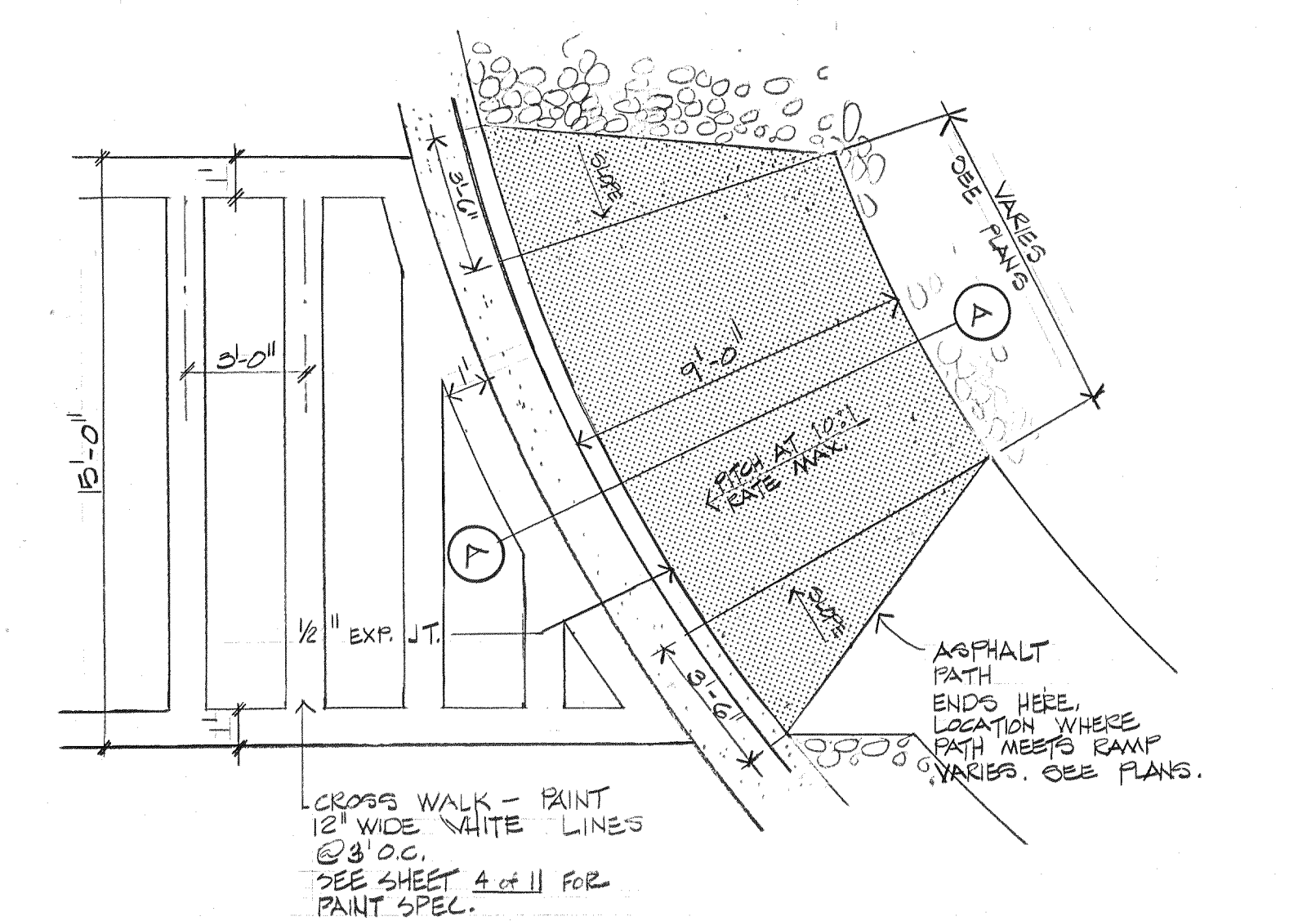
5 BOLLARD DETAIL
N.T.S.



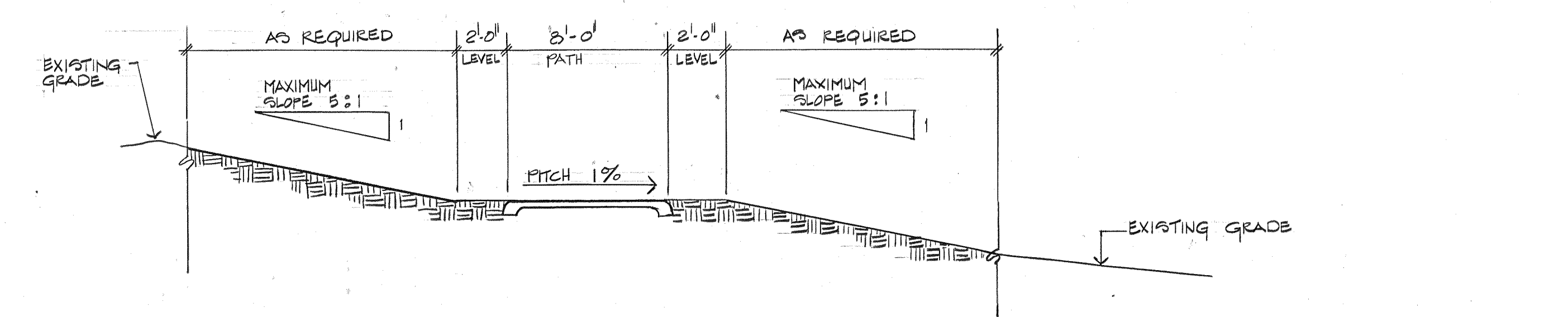
6 CHAIN LINK FENCE DETAIL
N.T.S.



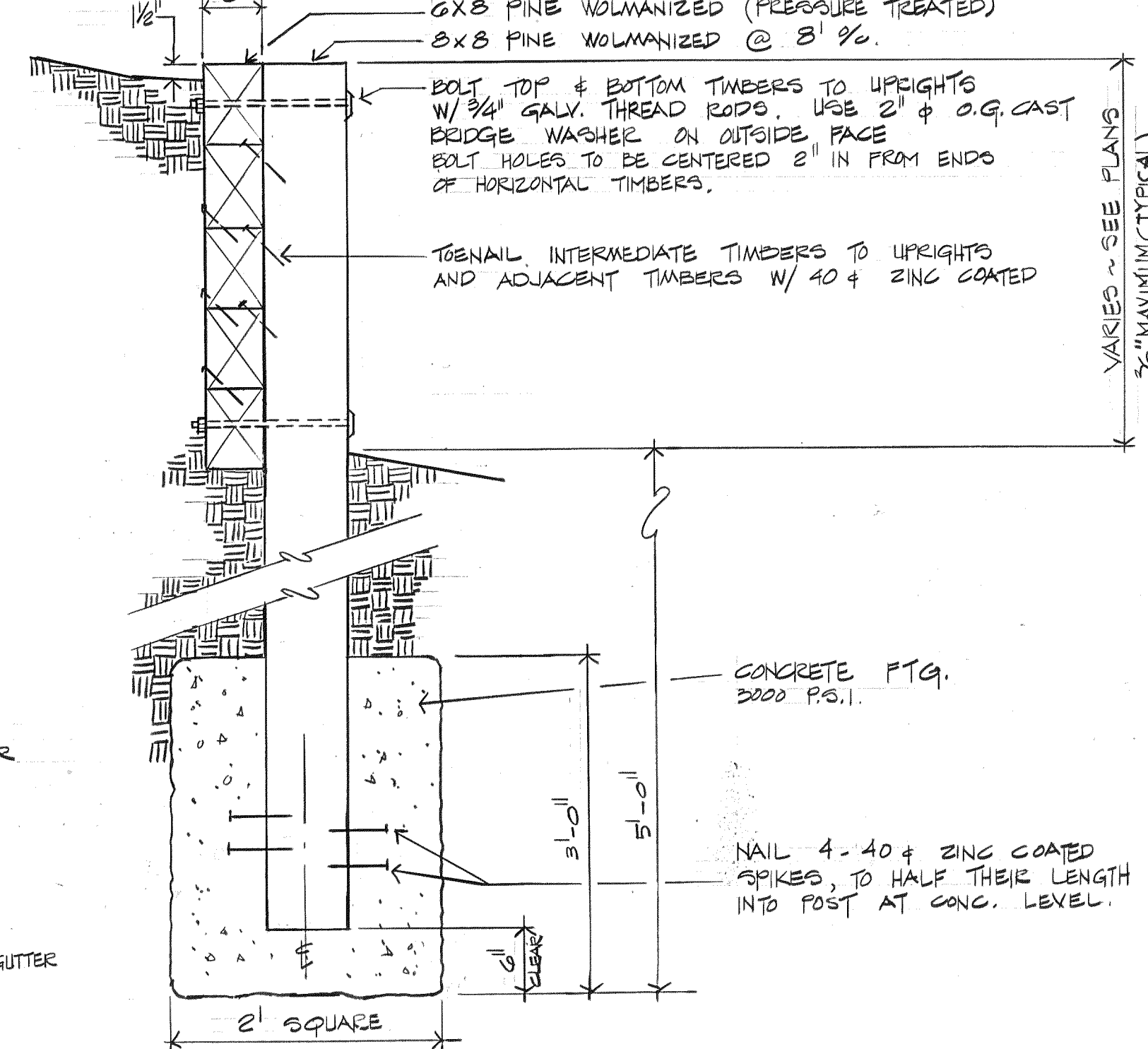
7 TYPICAL SECTIONS // PATH RAMP
APPLIES ALL RAMP
N.T.S.



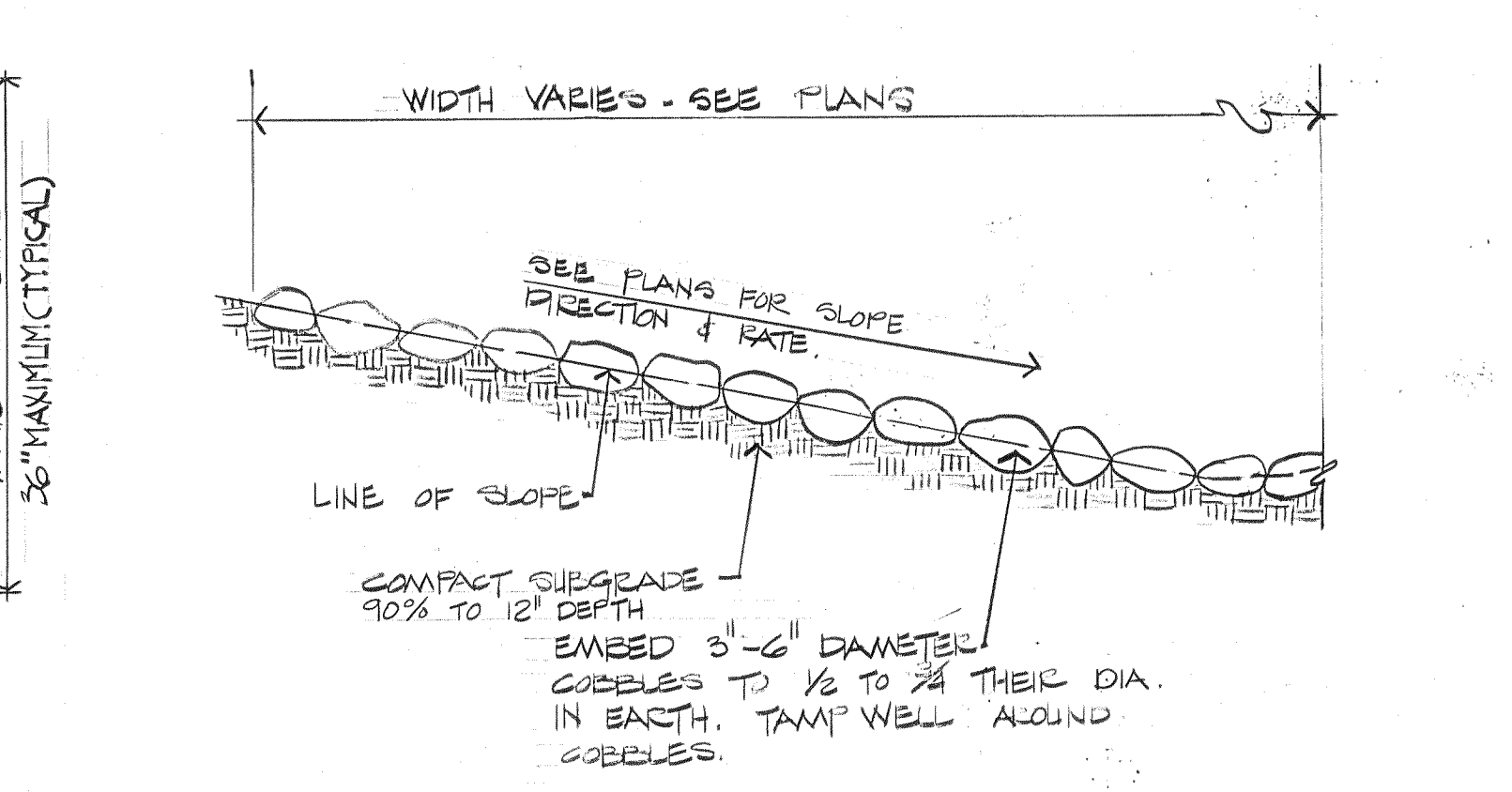
8 TYPICAL - PATH RAMP
AT SERVICE ROAD TO FAA MAINTENANCE BLDG.
N.T.S.



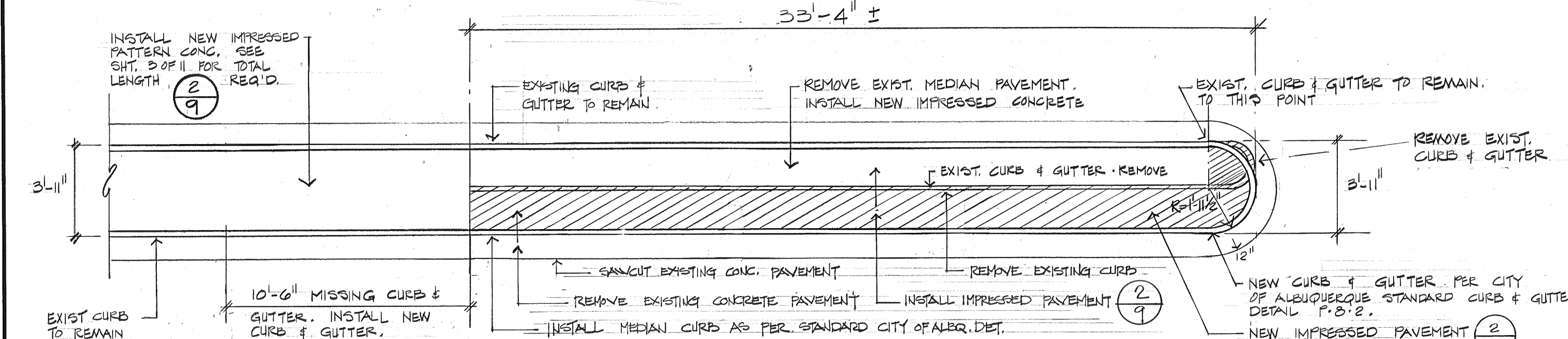
9 SECTION THROUGH PATH - MAX. SLOPE
N.T.S.



11 RETAINING WALL
N.T.S.



12 COBBLE PAVEMENT IN EARTH
@ SERVICE ROAD TO FAA MAINTENANCE BLDG.
N.T.S.



10 MEDIAN CURB & GUTTER REPLACEMENT
AT GIBSON ENTRANCE MEDIAN
N.T.S.

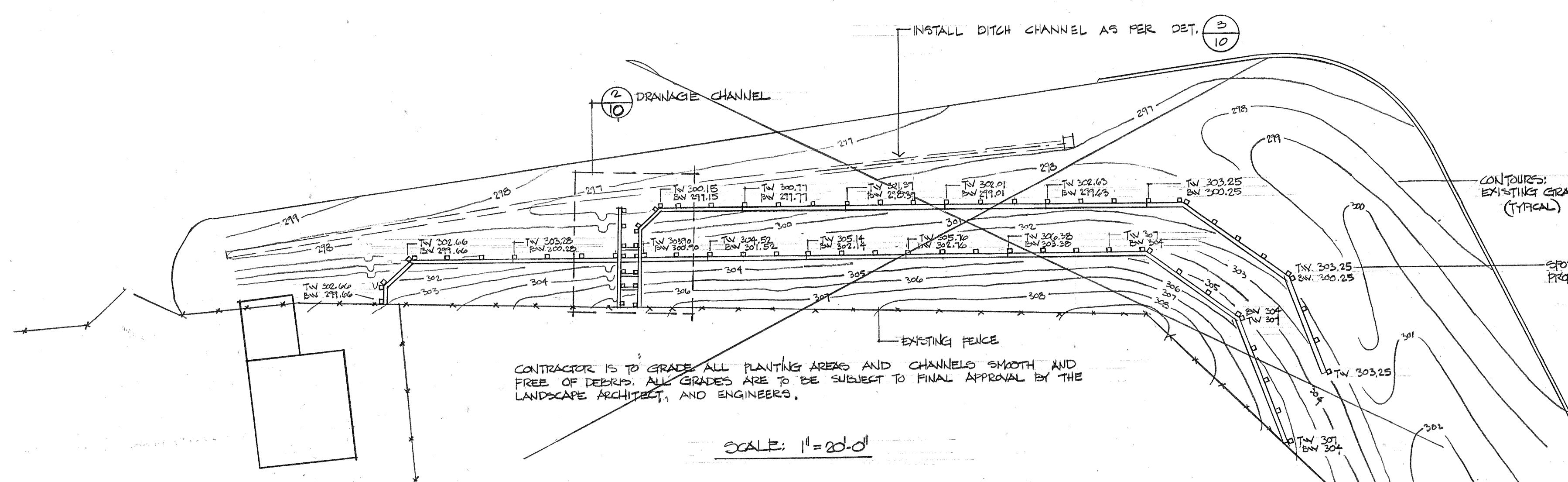
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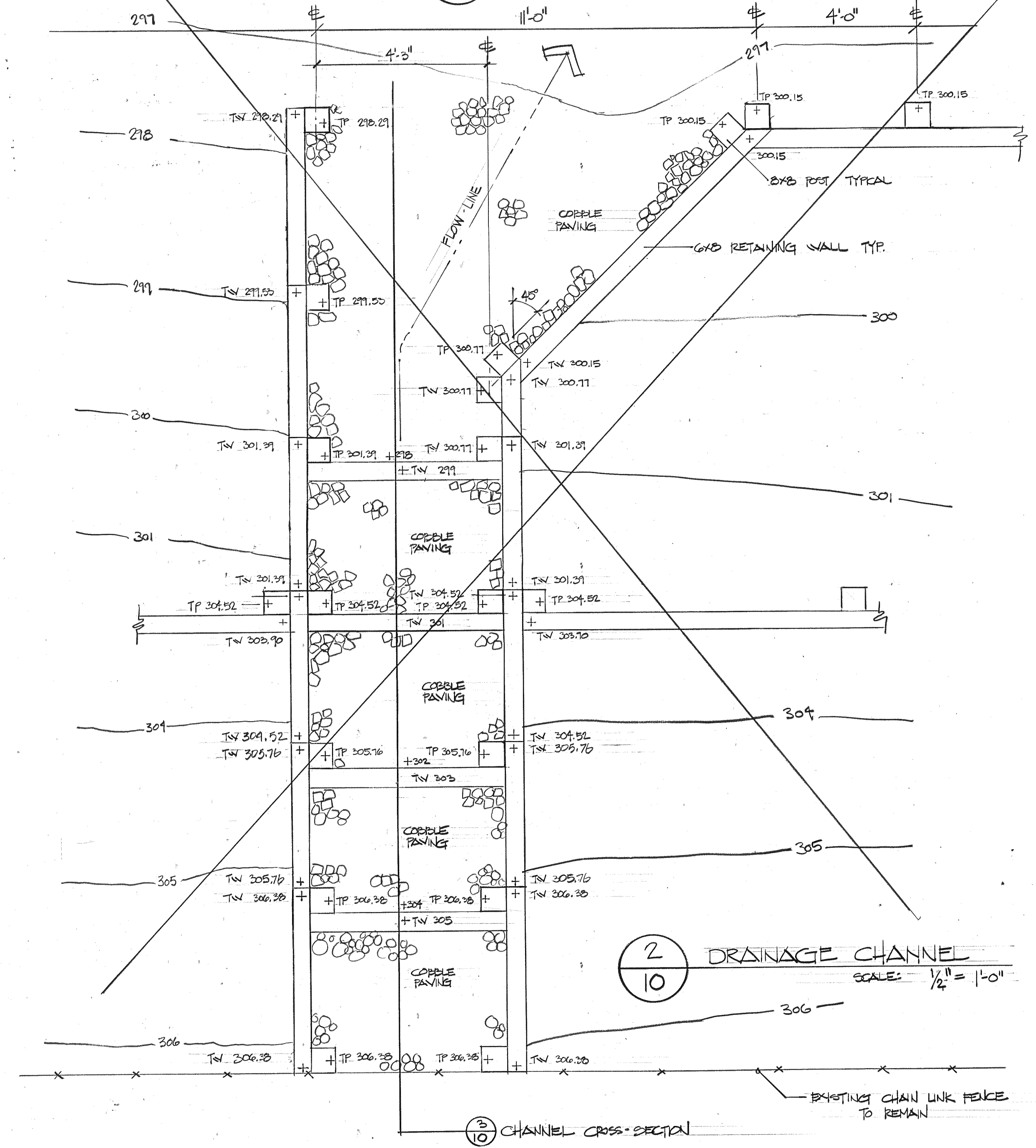
Craig Campbell Associates
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418 Central Ave. SW, Albuquerque, N.M.

MOLZEN-CORBIN & Associates
Consulting Engineers
ALBUQUERQUE NEW MEXICO

Drawn *FD* Checked *CL* Sheet **9** of **11**
File Date *6/20/81*



1 RETAINING WALL GRADING
10

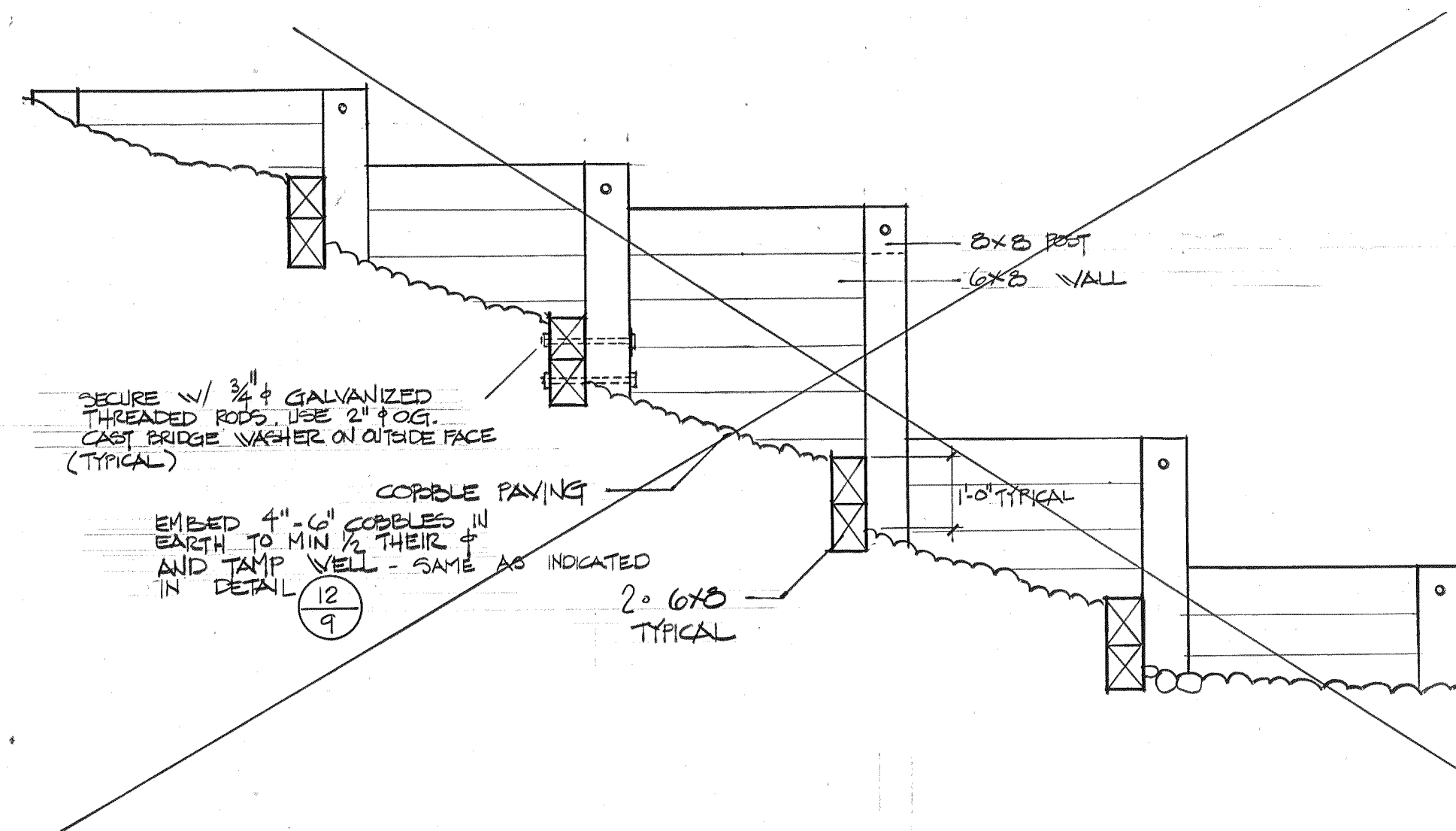


2 DRAINAGE CHANNEL
10
SCALE: 1/2" = 1'-0"

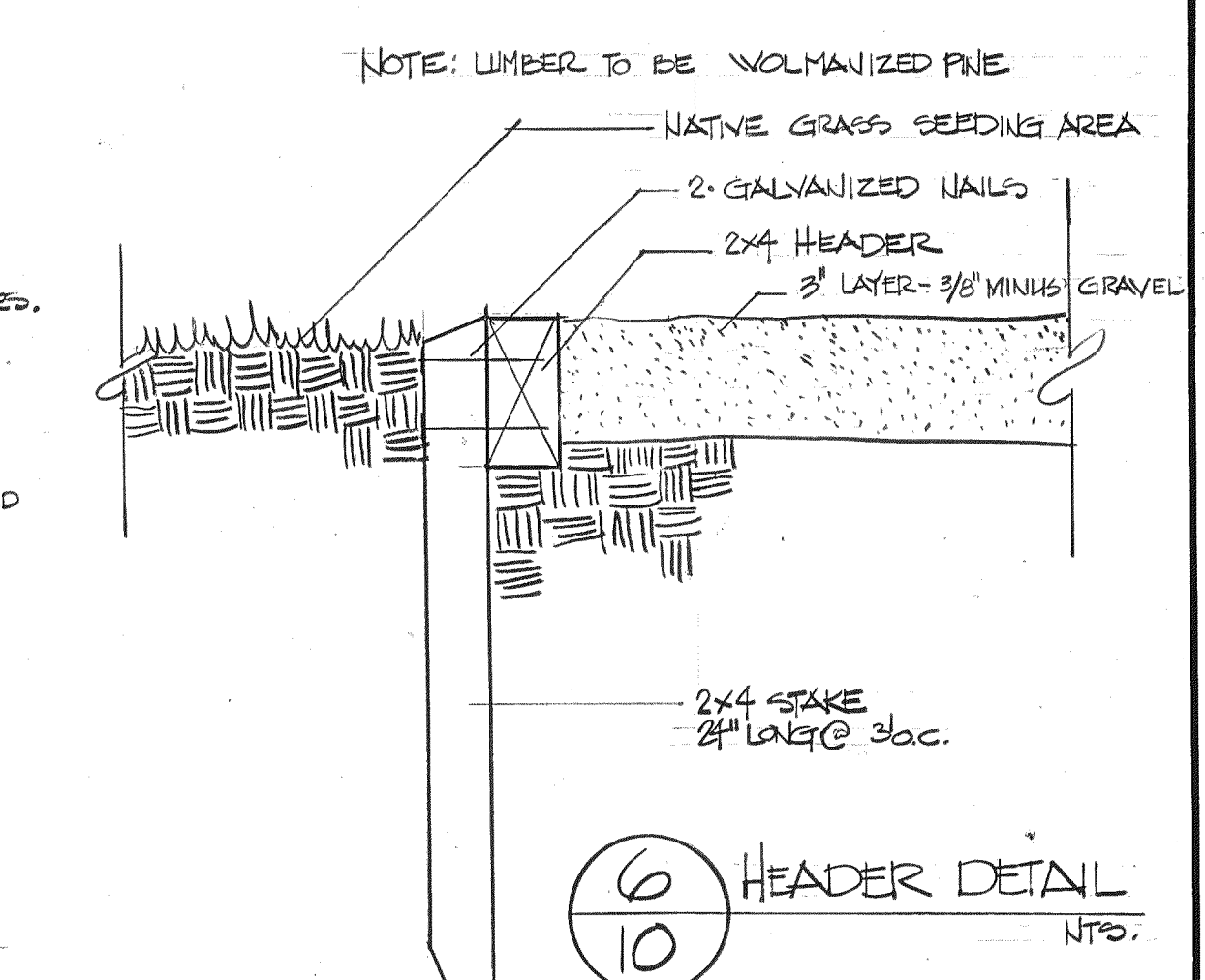
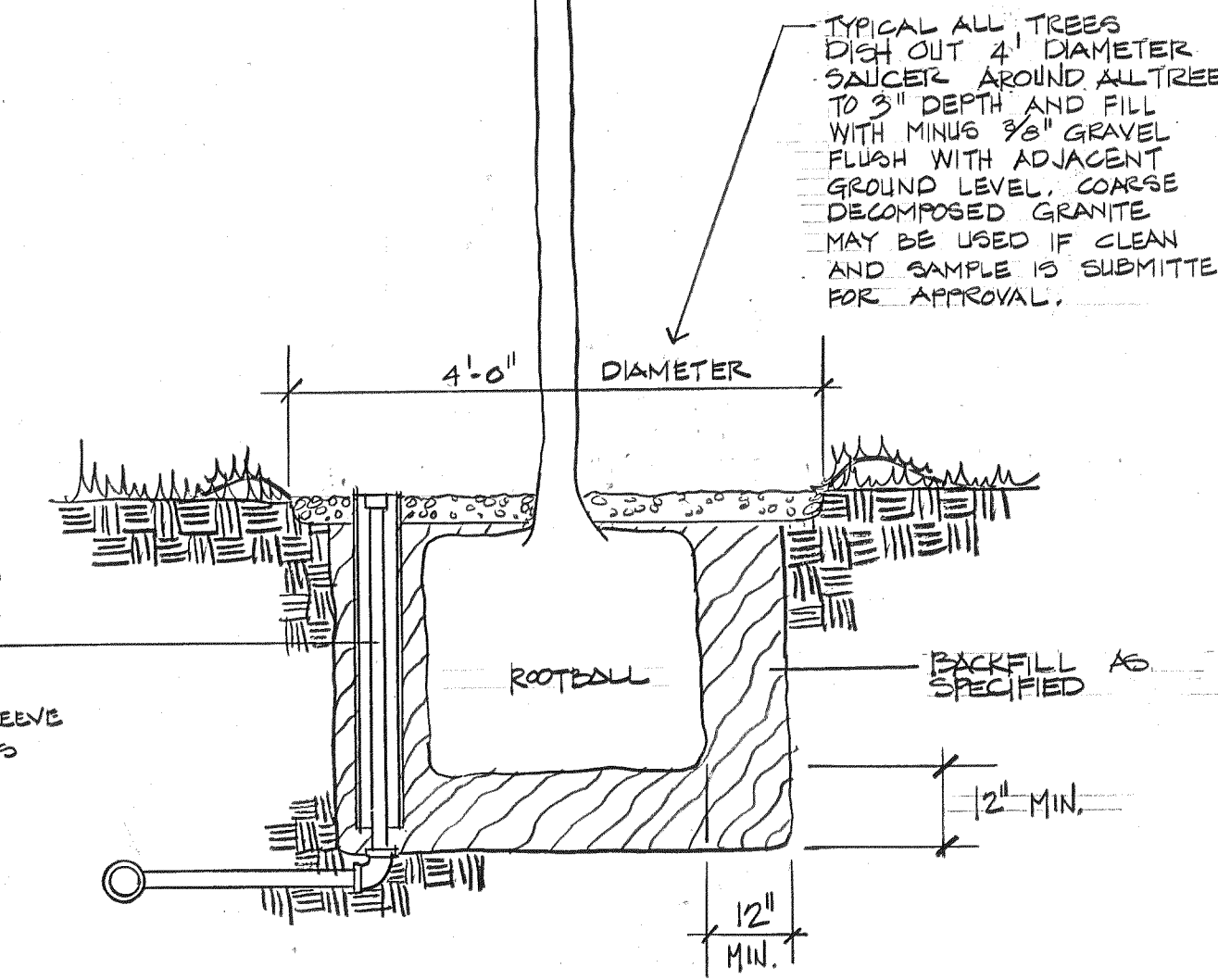
AS BUILT NOTE:
SEE SHEET #8 OF 11 FOR ACTUAL
LOCATION OF RETAINING WALLS, DRAINAGE
CHANNEL AS INDICATED IN DETAILS
2/10 3/10 NOT INSTALLED.

NOTE: FOR TREES
W/ BUBBLERS
INSTALL TREE
BUBBLERS IN
2" x 24" LANE
PERFORATED PVC QUEEN
FILL W/ 3/8" MINUS
GRAVEL. TOP
FLUSH W/ FINISH
GRADE ON UP-
HILL SIDE OF
SUNKER.

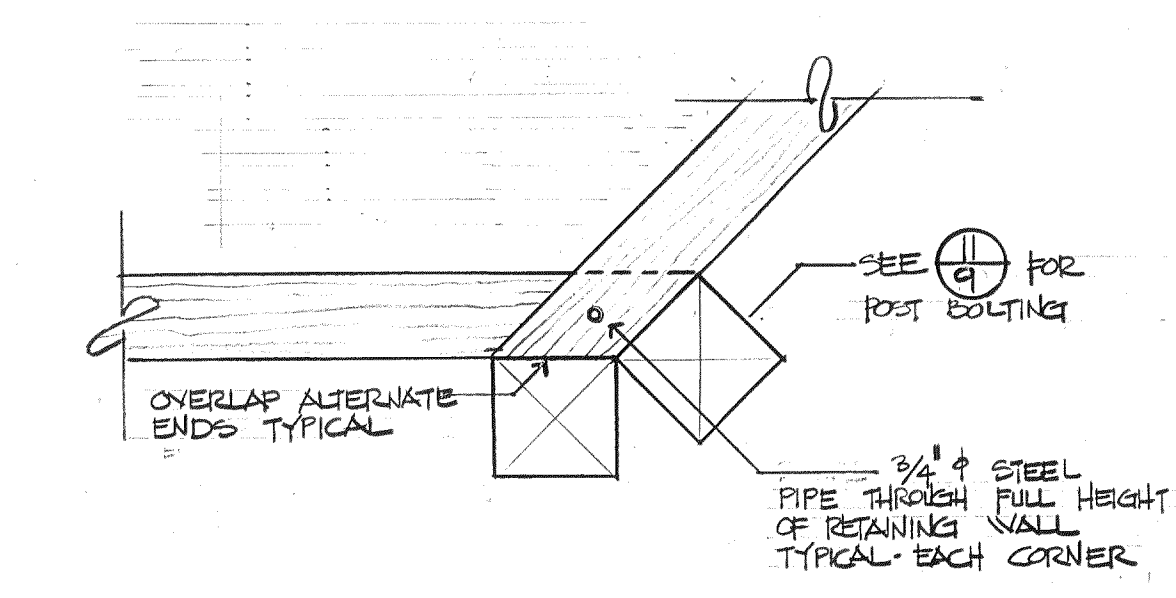
5 TREE PLANTING DETAIL
10
FOR NATIVE GRASS SEEDER AREAS
NPS



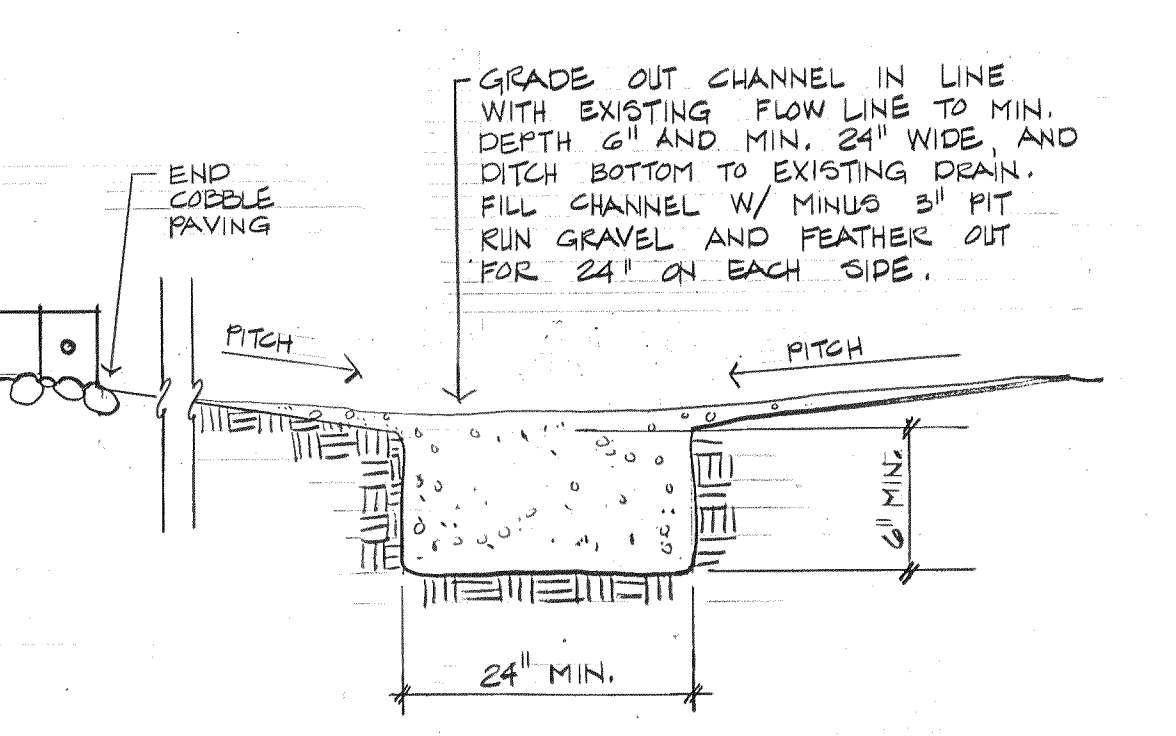
3 DRAINAGE CHANNEL CROSS-SECTION
10
SCALE: 1/2" = 1'-0"



6 HEADER DETAIL
10
NPS



4 WALL CORNER DETAIL
10
1/2" = 1'-0"



7 DITCH CHANNEL SECTION
10
SCALE: 1/2" = 1'-0"

06 009 1082

Craig Campbell Associates
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418 Central Ave. SW, Albuquerque, N.M.

MOLZEN-CORBIN & Associates
Consulting Engineers
ALBUQUERQUE NEW MEXICO

Drawn WSP Checked CC/KP
File Date 4/20/81

RECORD DRAWING
DATE: BY: FROM:

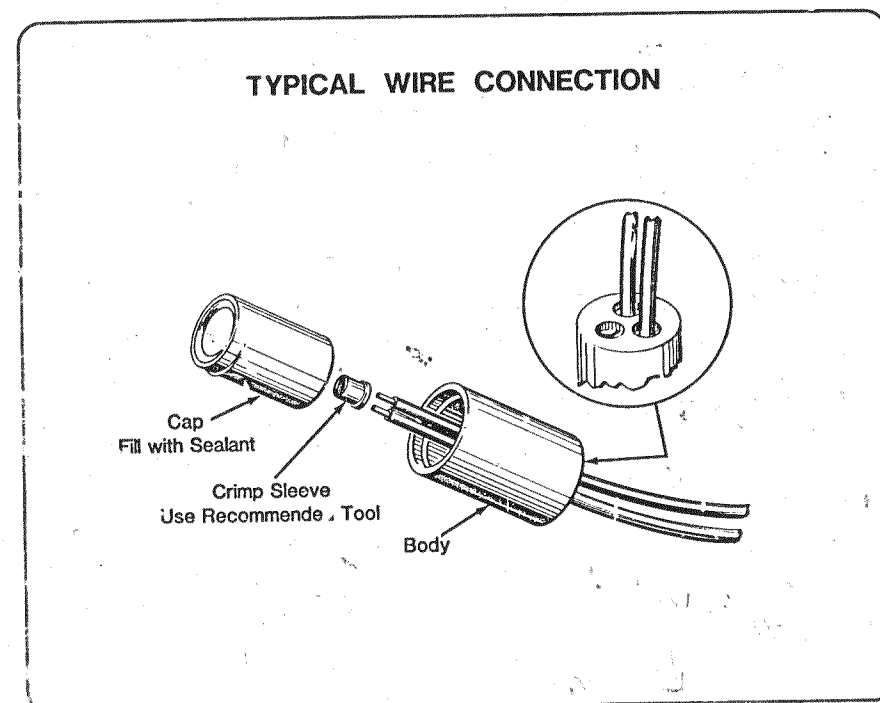
Sheet 10 of 11

AS BUILT NOTE:
WEATHERMATIC 95-P 320
APPROVED AS SUBSTITUTE AND
INSTALLED.

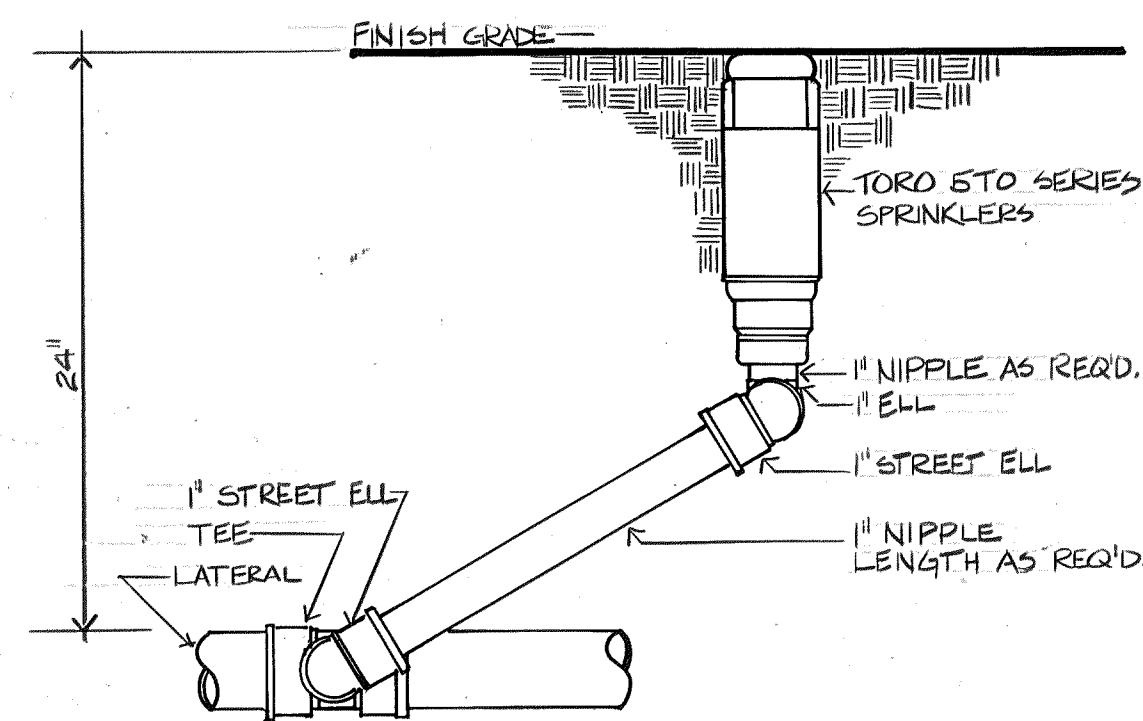
NOTE:
IRRIGATION HEADS IN ALL AREAS
TO BE LOCATED MIN. 12" FROM EDGE OF
WALKS OR CURBS.

AS BUILT NOTE:
WEATHERMATIC G-40P & G-40F
APPROVED AS SUBSTITUTE
AND INSTALLED

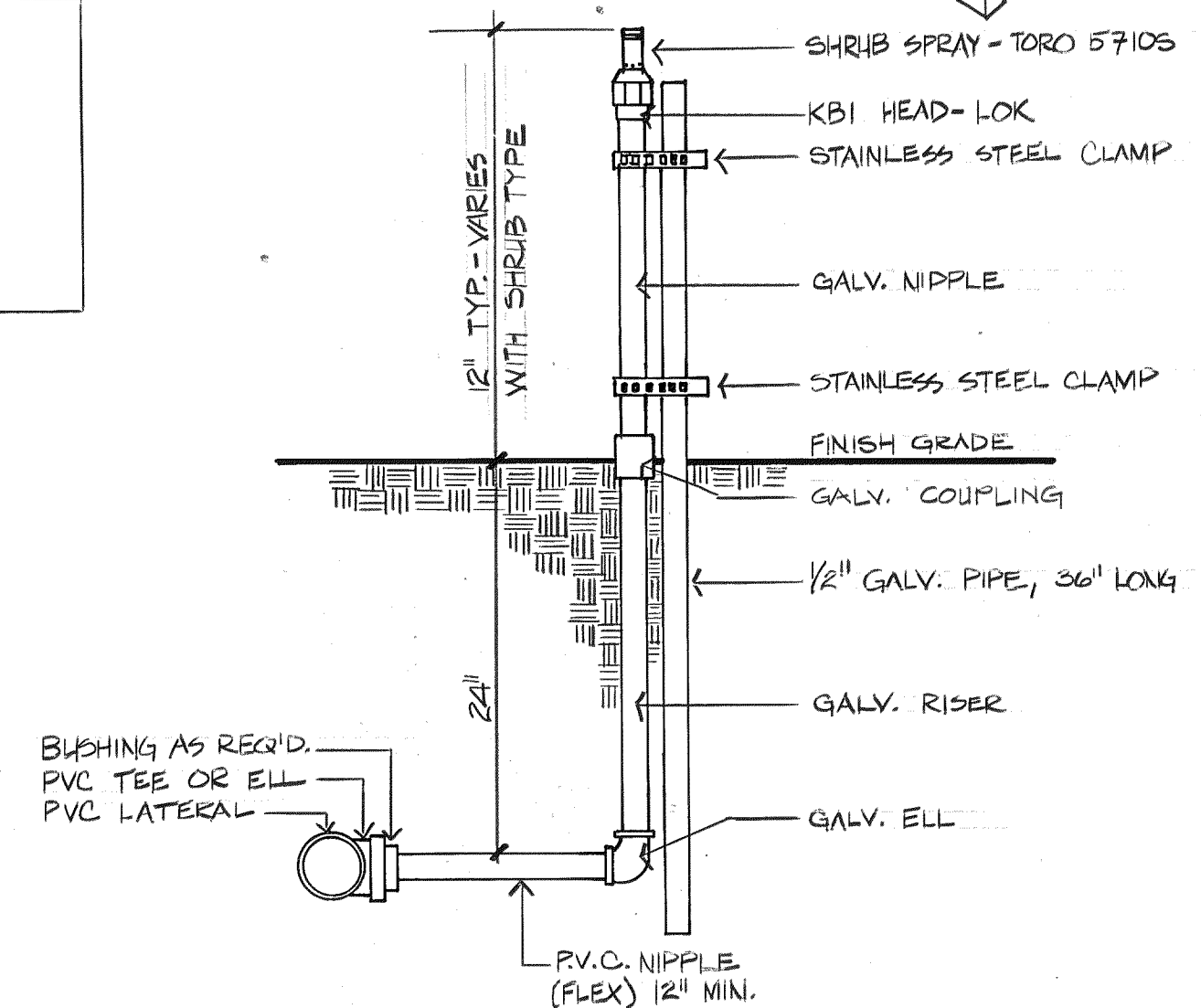
AS BUILT NOTE:
WEATHERMATIC K-50P X V-58,
K-70F X V-58 APPROVED AS
SUBSTITUTES AND INSTALLED



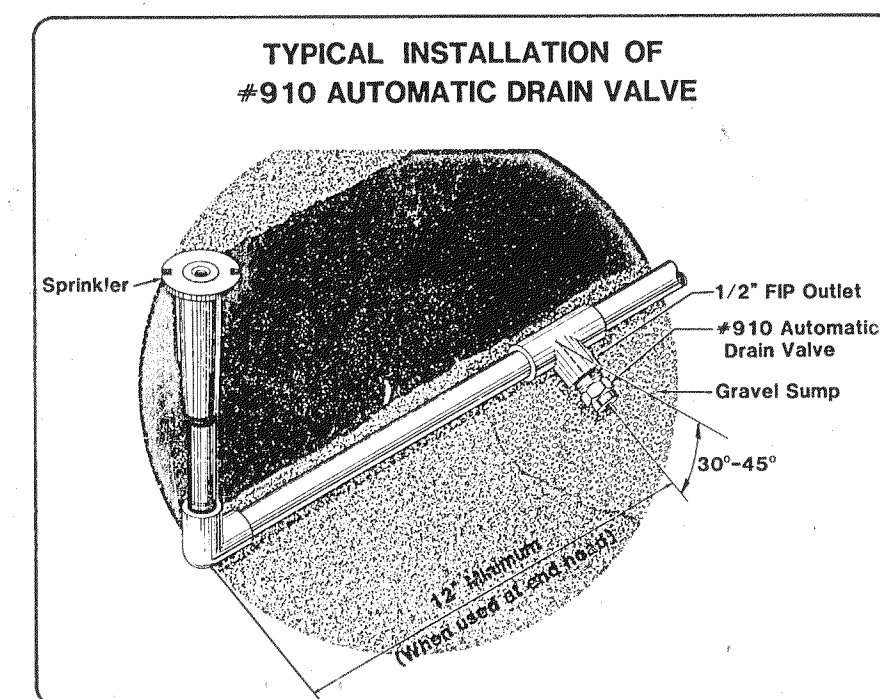
1 TYPICAL WIRE CONNECTION
N.T.S.



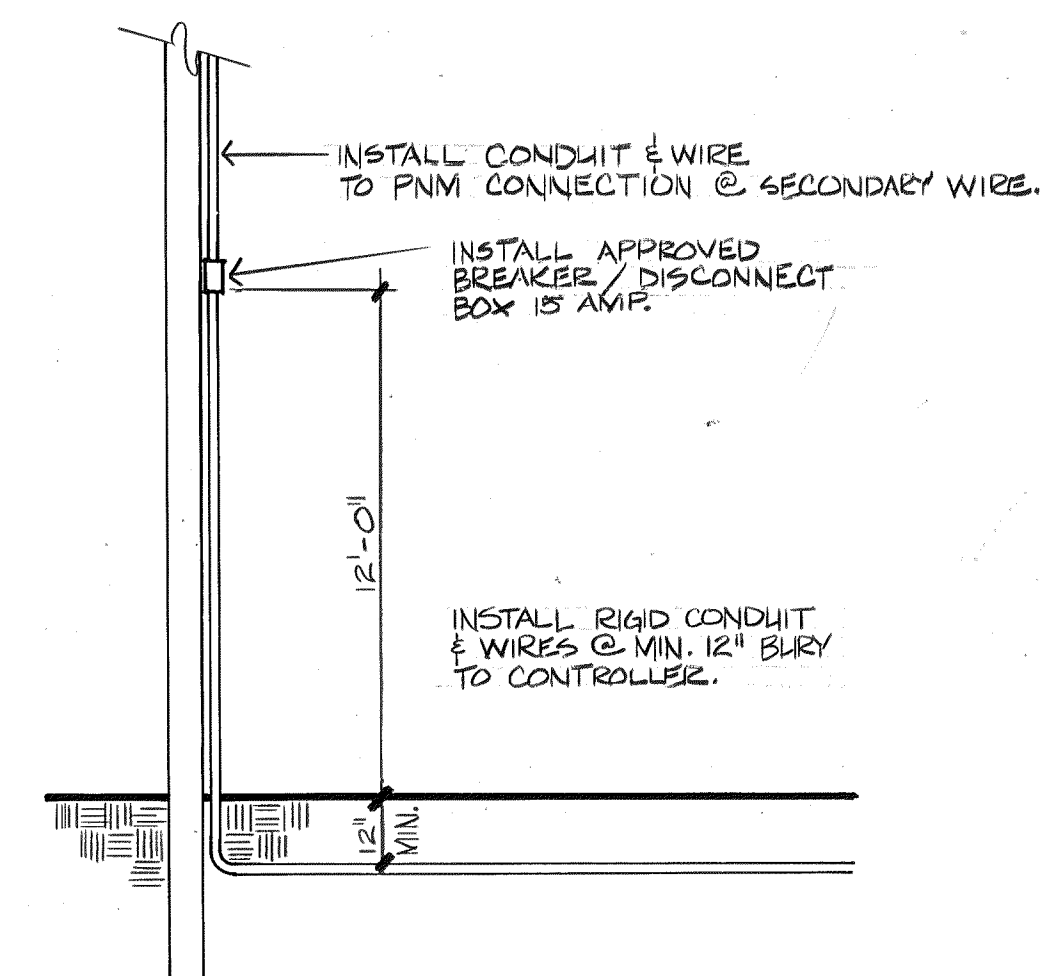
2 TYPICAL POP-UP SPRINKLER INSTALLATION
N.T.S.



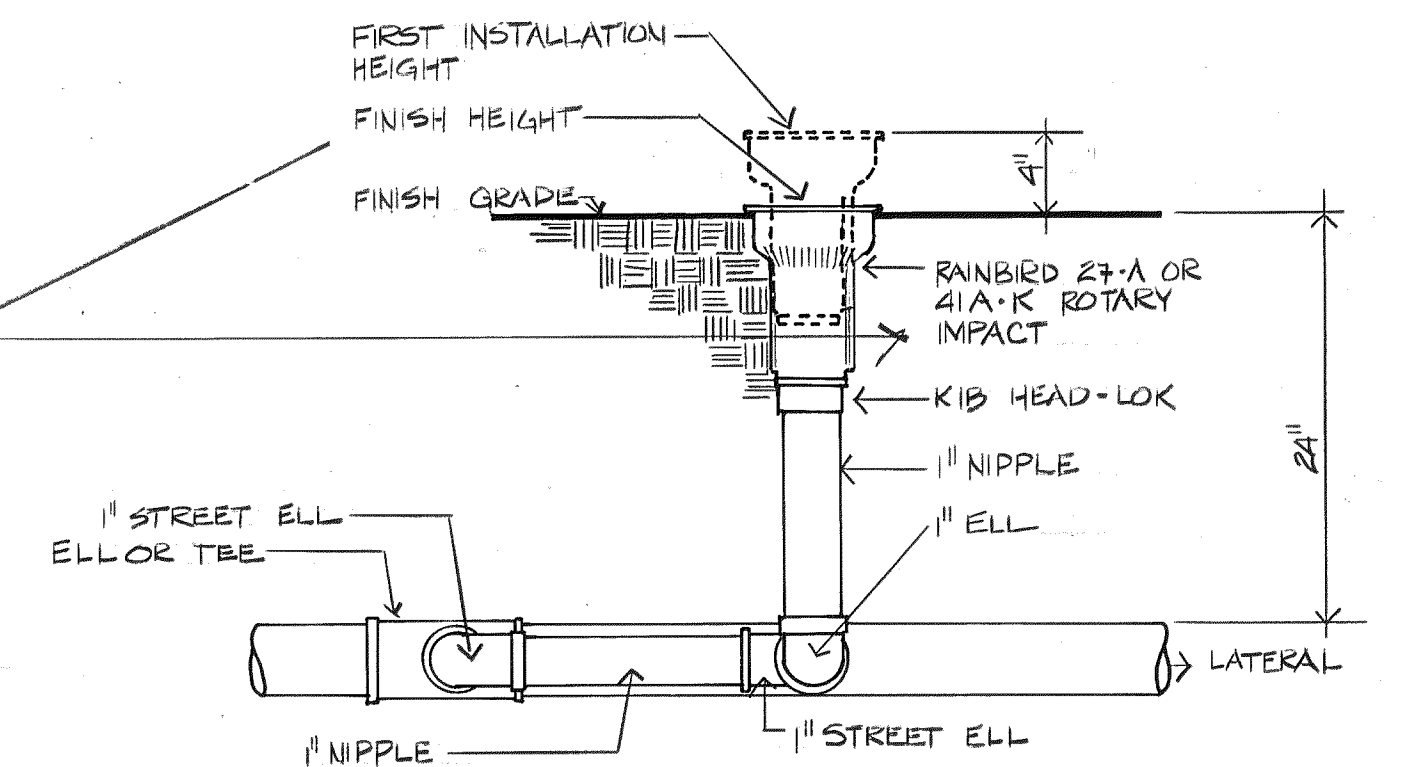
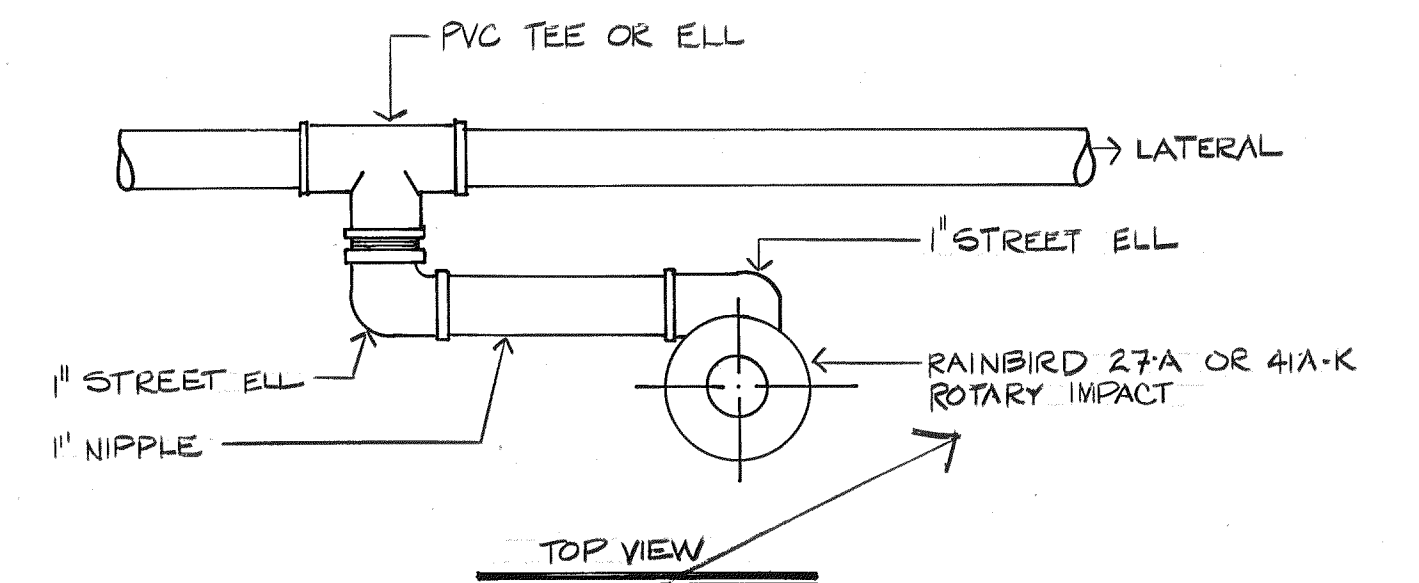
3 SHRUB SPRAY
N.T.S.



4 TYPICAL INSTALLATION OF DRAIN VALVE
N.T.S.



5 ELECTRICAL DROP
N.T.S.



6 ROTARY IMPACT POP-UP
N.T.S.