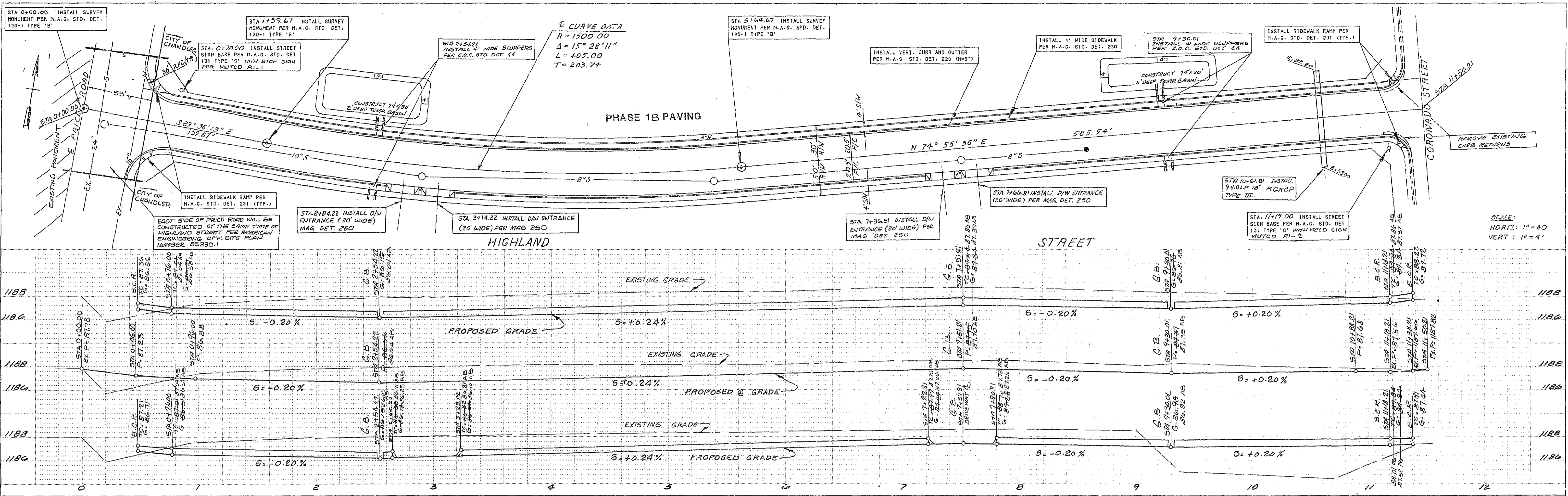


| |
|--------------------|
| PLAN |
| SURVEYED |
| NOTE BOOK |
| NO. |
| DATE |
| BY |
| CHECKED |
| RT. OF WAY CHECKED |

| |
|-----------------------------|
| PROFILE |
| SURVEYED |
| NOTE BOOK |
| NO. |
| DATE |
| BY |
| CHECKED |
| GRADES CHECKED |
| B.M. NOTED |
| STRUCTURE NOTATIONS CHECKED |

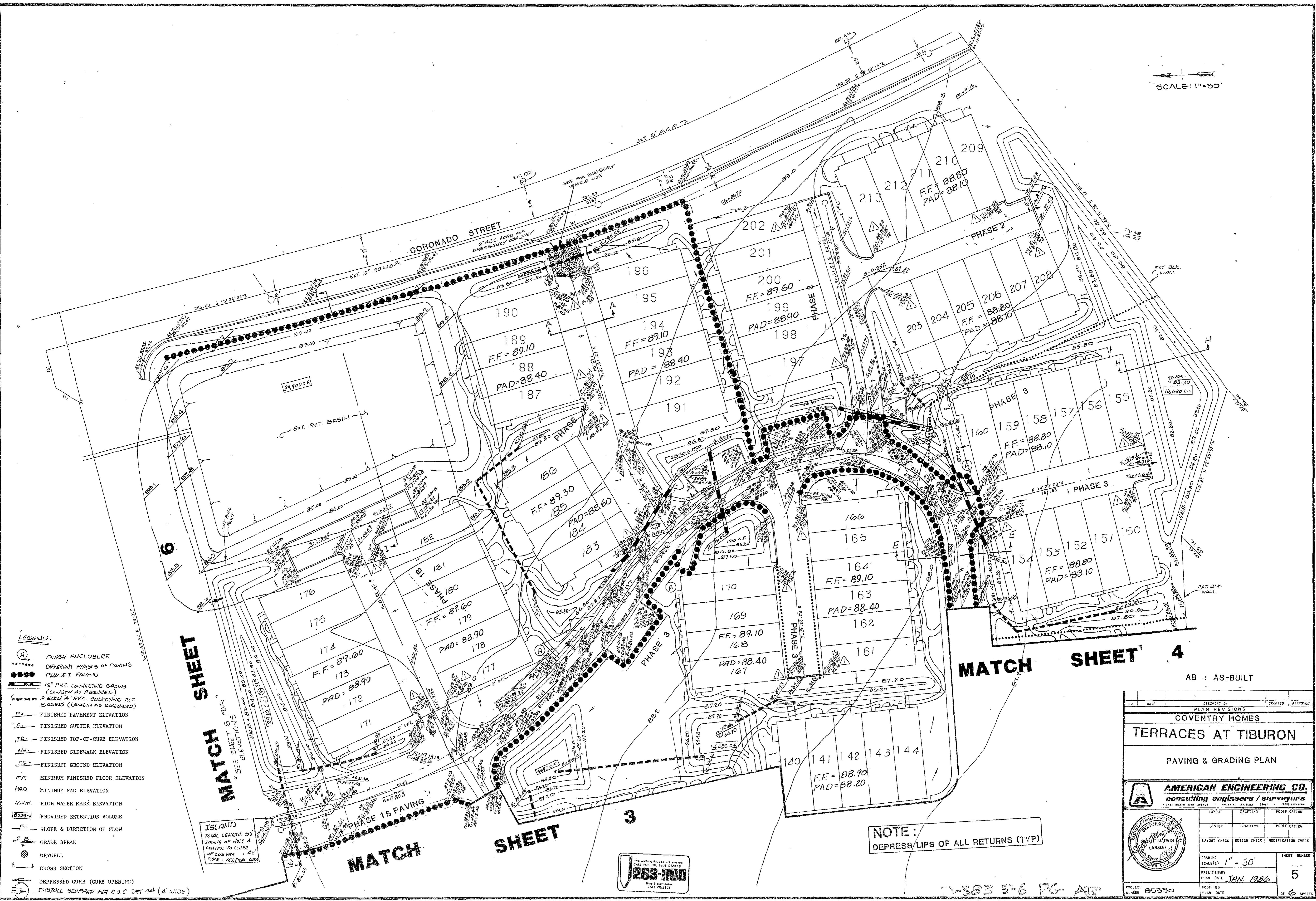


SCALE:
HORIZ: 1" = 40'
VERT: 1" = 4'

AS-BUILT



SCALE: 1"=30'



- LEGEND:**
- (A) TRASH ENCLOSURE
 - DIFFERENT PHASES OF PAVING
 - PHASE I PAVING
 - 12" PVC. CONNECTING BASINS (LENGTH AS REQUIRED)
 - 2 EACH 4" PVC. CONNECTING RET. BASINS (LENGTH AS REQUIRED)
 - P- FINISHED PAVEMENT ELEVATION
 - G- FINISHED GUTTER ELEVATION
 - TC- FINISHED TOP-OF-CURB ELEVATION
 - SW- FINISHED SIDEWALK ELEVATION
 - EG- FINISHED GROUND ELEVATION
 - FF- MINIMUM FINISHED FLOOR ELEVATION
 - PAD- MINIMUM PAD ELEVATION
 - H.W.M. HIGH WATER MARK ELEVATION
 - 8592 PROVIDED RETENTION VOLUME
 - S- SLOPE & DIRECTION OF FLOW
 - C.B. GRADE BREAK
 - DRYWELL
 - CROSS SECTION
 - DEPRESSED CURB (CURB OPENING)
 - INSTALL SCUPPER PER C.O.C. DET 44 (4' WIDE)

MATCH SHEET

MATCH SHEET 6 FOR

SEE SHEET 6 FOR ELEVATIONS

ISLAND

TOTAL LENGTH: 50'

SPACINGS OF NOSE: 4'

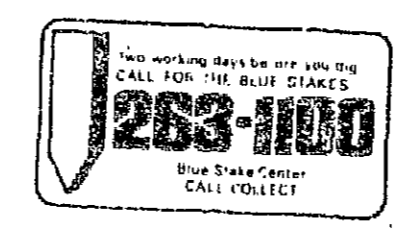
CENTERS TO CENTERS OF CURVES: 42'

TYPE: VERTICAL CURVE

MATCH SHEET

SHEET

3



NOTE:

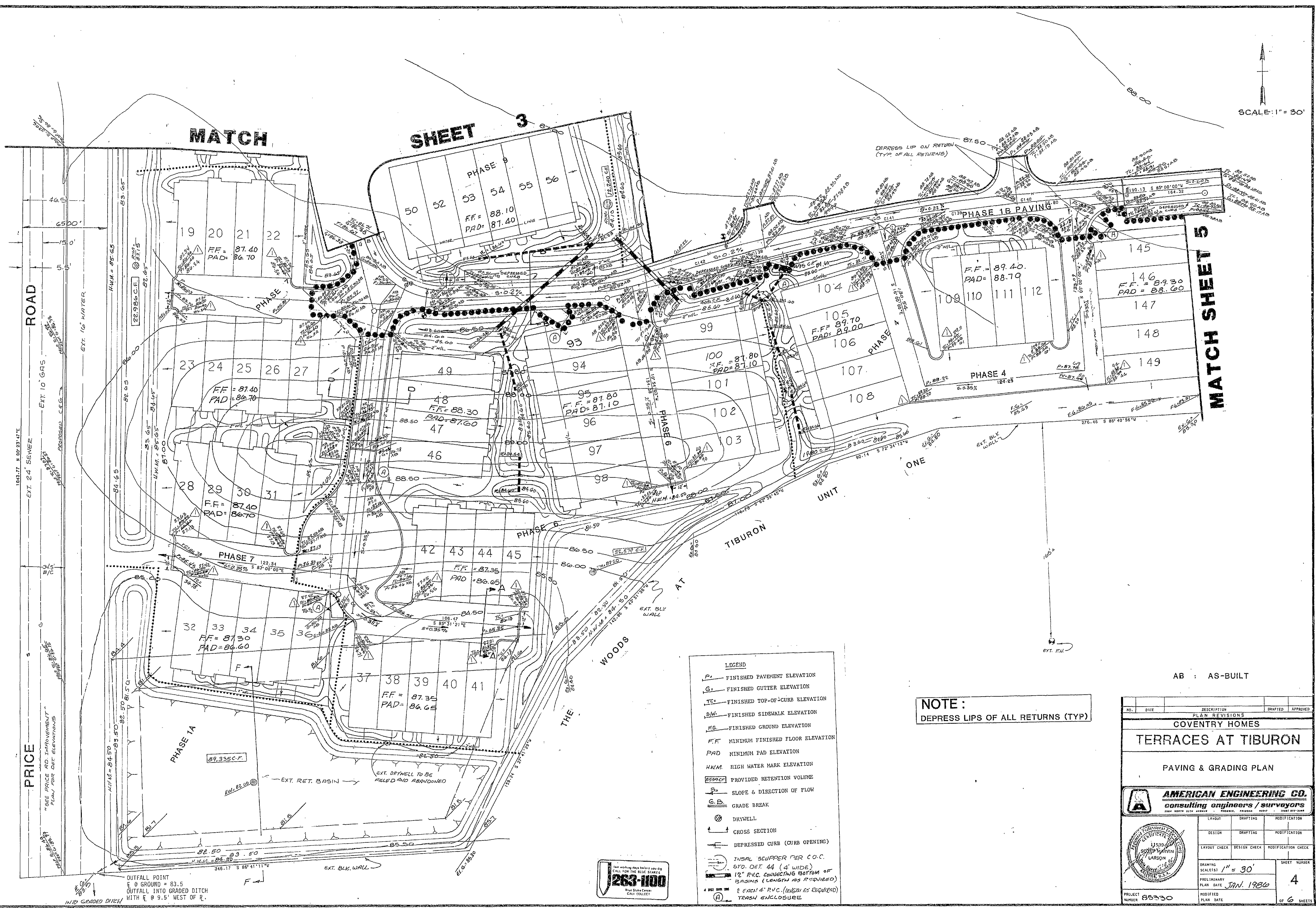
DEPRESS LIPS OF ALL RETURNS (TYP)

MATCH SHEET 4

AB :: AS-BUILT

| | | | | |
|---|--------------|--------------------|--------------|----------|
| NO. | DATE | DESCRIPTION | DRAWN | APPROVED |
| PLAN REVISIONS | | | | |
| COVENTRY HOMES | | | | |
| TERRACES AT TIBURON | | | | |
| PAVING & GRADING PLAN | | | | |
| AMERICAN ENGINEERING CO. | | | | |
| consulting engineers / surveyors | | | | |
| 1985 NORTH 4TH AVENUE, SUITE 200, TIBURON, CALIF. 94920 | | | | |
| LAYOUT | DRAFTING | MODIFICATION | | |
| DESIGN | DRAFTING | MODIFICATION | | |
| LAYOUT CHECK | DESIGN CHECK | MODIFICATION CHECK | | |
| DRAWING SCALE(S) 1" = 30' | | | SHEET NUMBER | |
| PRELIMINARY PLAN DATE JAN. 1986 | | | 5 | |
| MODIFIED PLAN DATE | | | OF 6 SHEETS | |
| PROJECT NUMBER 86330 | | | | |

303 5-6 PG. AT



MATCH

SHEET 3

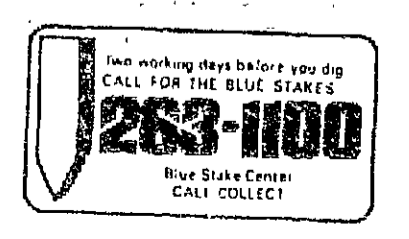
MATCH SHEET 5

- LEGEND**
- P_f FINISHED PAVEMENT ELEVATION
 - G_f FINISHED GUTTER ELEVATION
 - TC_f FINISHED TOP-OF-CURB ELEVATION
 - SW_f FINISHED SIDEWALK ELEVATION
 - FG_f FINISHED GROUND ELEVATION
 - FF MINIMUM FINISHED FLOOR ELEVATION
 - PAD MINIMUM PAD ELEVATION
 - H.W.M. HIGH WATER MARK ELEVATION
 - RV PROVIDED RETENTION VOLUME
 - S_f SLOPE & DIRECTION OF FLOW
 - G.B. GRADE BREAK
 - DRYWELL
 - CROSS SECTION
 - DEPRESSED CURB (CURB OPENING)
 - INSUL. SCUPPER PER C.O.C. STD. DET. 44 (4' WIDE)
 - 12" P.V.C. CONNECTING BOTTOM OF BASINS (LENGTH AS REQUIRED)
 - 2 EACH 4" P.V.C. (LENGTH AS REQUIRED)
 - TRASH ENCLOSURE

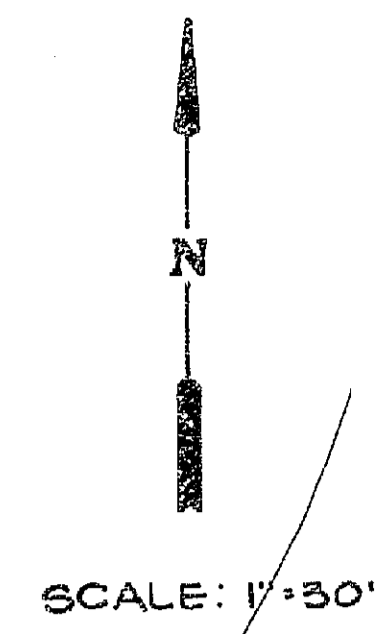
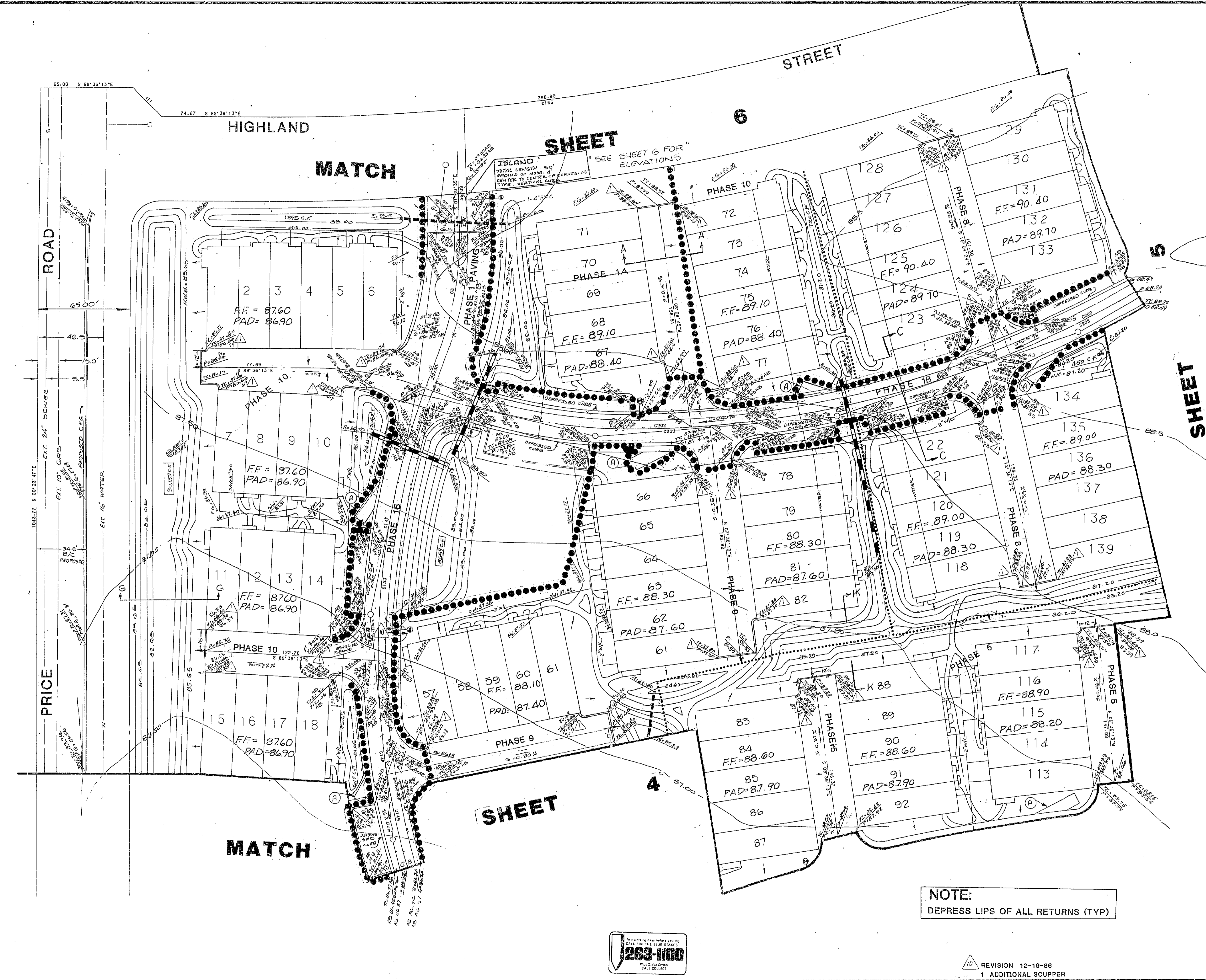
NOTE:
DEPRESS LIPS OF ALL RETURNS (TYP)

AB : AS-BUILT

| NO. | DATE | DESCRIPTION | DRAFTED | APPROVED |
|---|------|-------------|--------------|----------|
| PLAN REVISIONS | | | | |
| COVENTRY HOMES | | | | |
| TERRACES AT TIBURON | | | | |
| PAVING & GRADING PLAN | | | | |
| AMERICAN ENGINEERING CO. consulting engineers / surveyors | | | | |
| LAYOUT DRAFTING MODIFICATION | | | | |
| DESIGN DRAFTING MODIFICATION | | | | |
| LAYOUT CHECK DESIGN CHECK MODIFICATION CHECK | | | | |
| DRAWING SCALE: 1" = 30' | | | SHEET NUMBER | |
| PROJECT NUMBER: 85330 | | | 4 | |
| PRELIMINARY PLAN DATE: JAN. 1980 | | | OF 6 SHEETS | |
| MODIFIED PLAN DATE: | | | | |



OUTFALL POINT
E @ GROUND = 83.5
OUTFALL INTO GRADED DITCH
WITH E @ 9.5' WEST OF P.



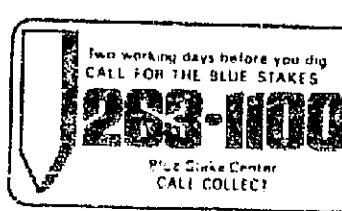
LEGEND

- P = FINISHED PAVEMENT ELEVATION
- G = FINISHED GUTTER ELEVATION
- TC = FINISHED TOP-OF-CURB ELEVATION
- SW = FINISHED SIDEWALK ELEVATION
- FG = FINISHED GROUND ELEVATION
- FF = MINIMUM FINISHED FLOOR ELEVATION
- PAD = MINIMUM PAD ELEVATION
- H.W.M. = HIGH WATER MARK ELEVATION
- RRRRR = PROVIDED RETENTION VOLUME
- S = SLOPE & DIRECTION OF FLOW
- C.B. = GRADE BREAK
- = DRYWELL
- |— = CROSS SECTION
- |— (with triangle) = DEPRESSED CURB (CURB OPENING)
- |— (with square) = INSTALL SCUPPER PER C.O.C. DET. 4.4 (4' WIDE)
- |— (with rectangle) = 12" PVC. CONNECTING BOTTOM OF BASINS (LENGTH AS REQUIRED)
- |— (with dashed line) = 2 EACH 4" PVC. CONNECTING BASINS (LENGTH AS REQUIRED)
- (A) = TRASH ENCLOSURE

AB : AS-BUILT

NOTE:
DEPRESS LIPS OF ALL RETURNS (TYP)

| | | | | |
|--|--------------|--------------------|---------------------|----------|
| NO. | DATE | DESCRIPTION | DRAFTED | APPROVED |
| PLAN REVISIONS | | | | |
| COVENTRY HOMES | | | | |
| TERRACES AT TIBURON | | | | |
| PAVING & GRADING PLAN | | | | |
| AMERICAN ENGINEERING CO. | | | | |
| consulting engineers / surveyors | | | | |
| 11500 SCOTT AVENUE, SUITE 200, SAN DIEGO, CALIF. 92121 | | | | |
| LAYOUT | DRAFTING | MODIFICATION | | |
| DESIGN | DRAFTING | MODIFICATION | | |
| LAYOUT CHECK | DESIGN CHECK | MODIFICATION CHECK | | |
| DRAWING SCALE: 1" = 30' | | | SHEET NUMBER | |
| PRELIMINARY PLAN DATE: JAN. 1986 | | | 3 | |
| PROJECT NUMBER: 85330 | | | MODIFIED PLAN DATE: | |
| | | | OF 6 SHEETS | |

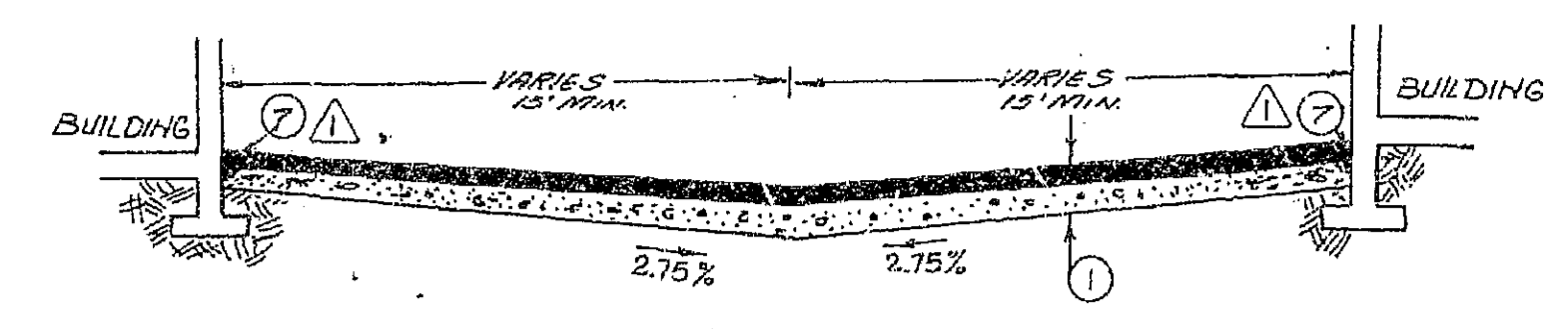


REVISION 12-19-86
1 ADDITIONAL SCUPPER

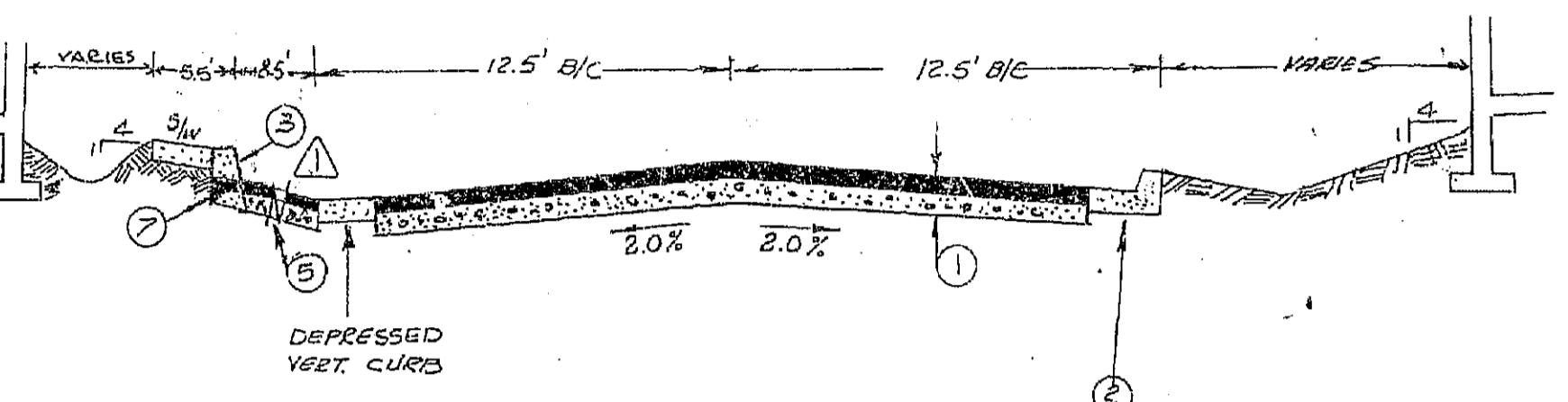
3-383 3-6 PG-AB

DETAIL SHEET

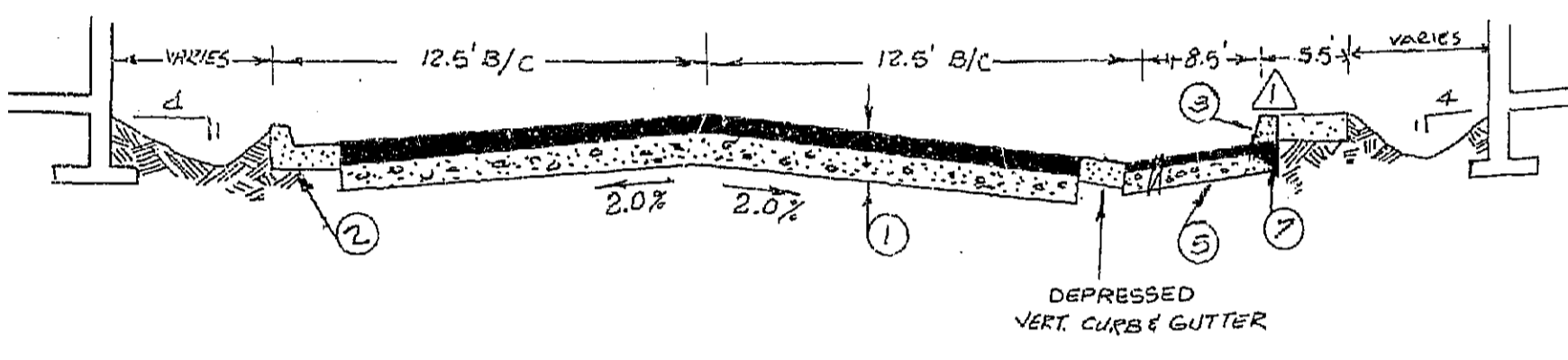
SCALE: 1"=30'



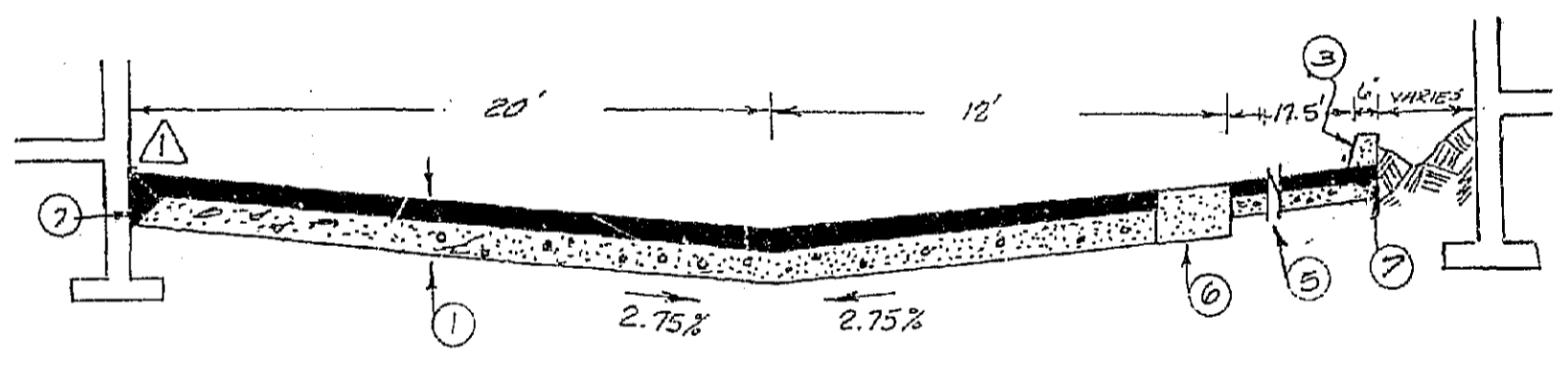
SECTION A-A*
N.T.S.



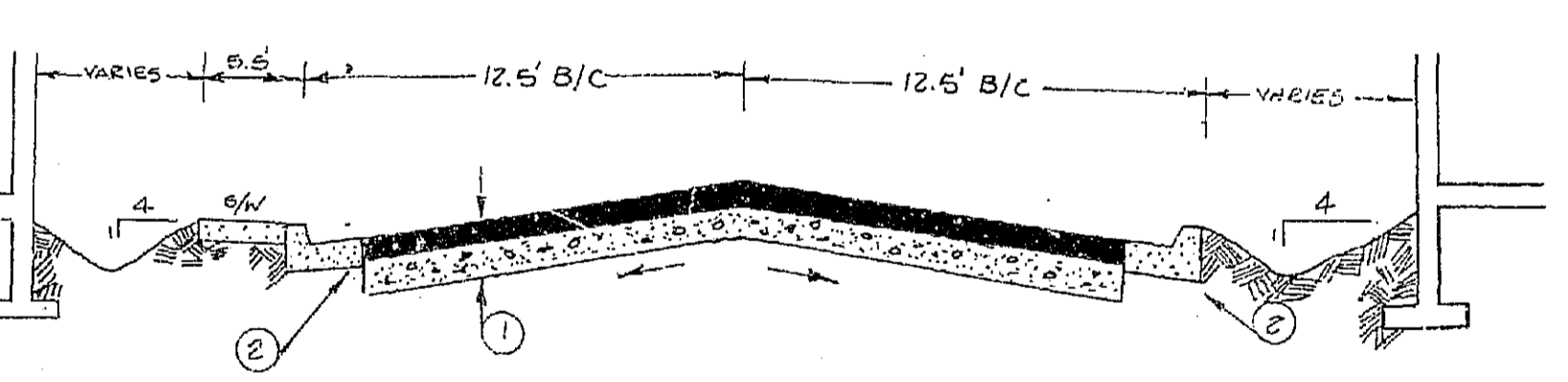
SECTION B-B*
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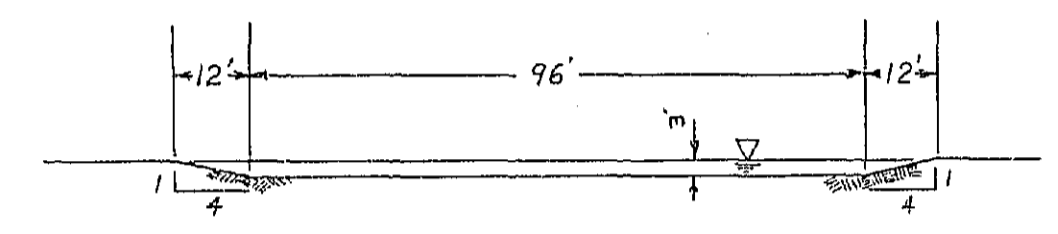
SECTION C-C*
N.T.S.



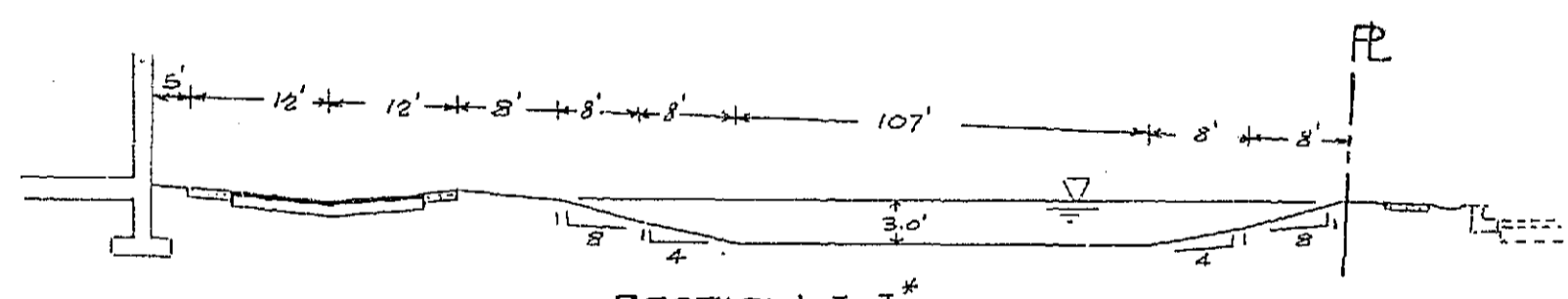
SECTION D-D*
N.T.S.



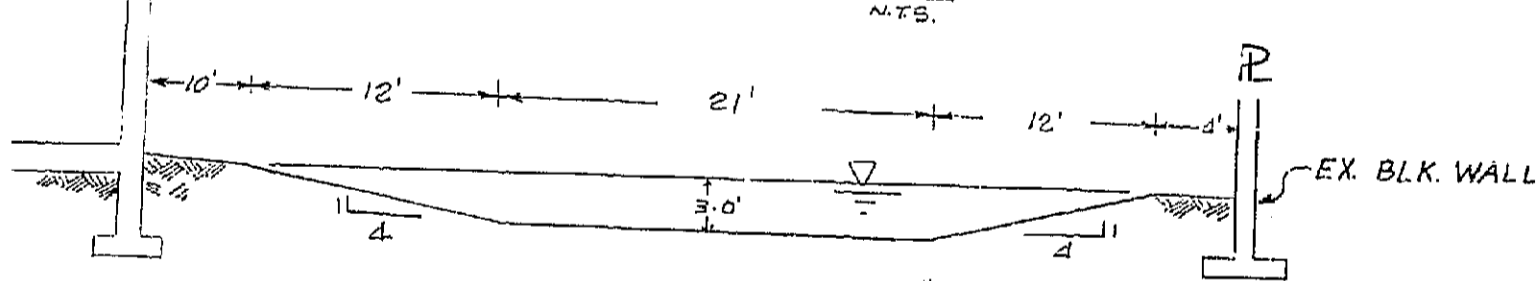
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N.T.S.



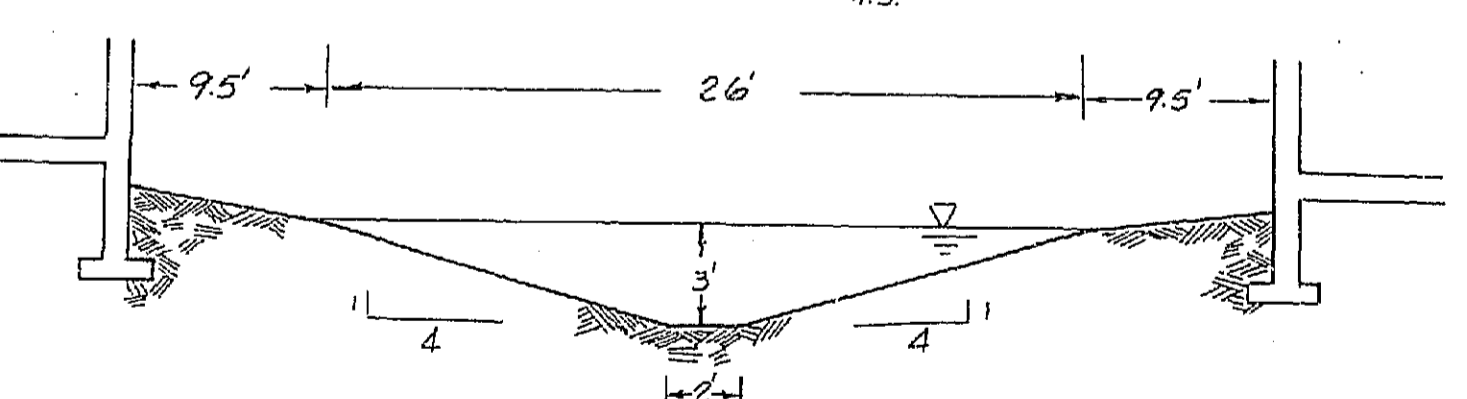
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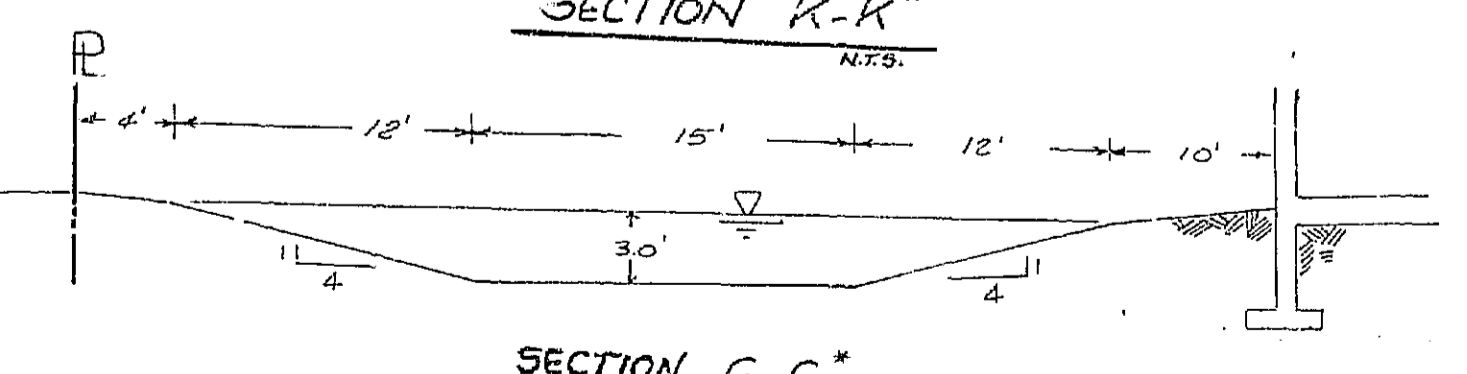
SECTION I-I*
N.T.S.



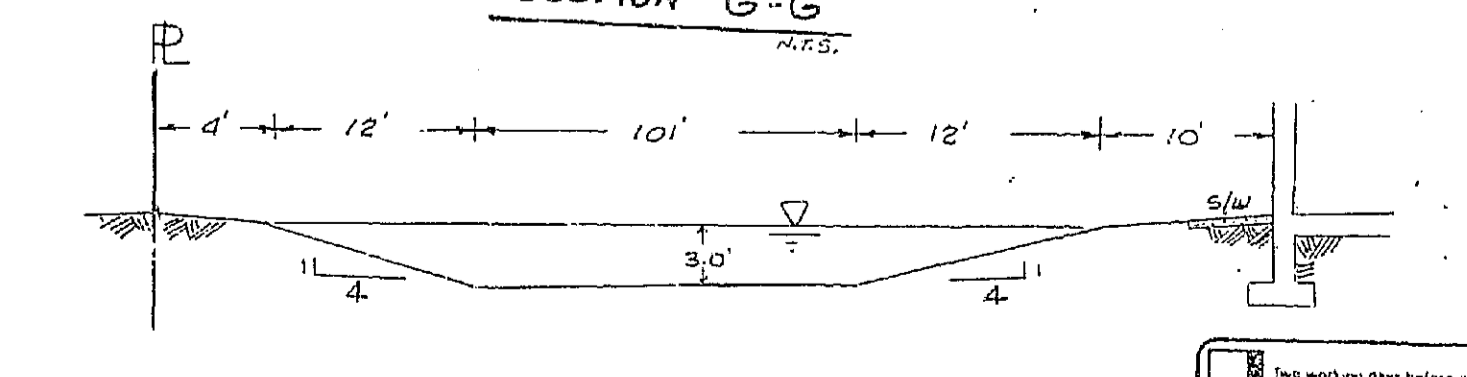
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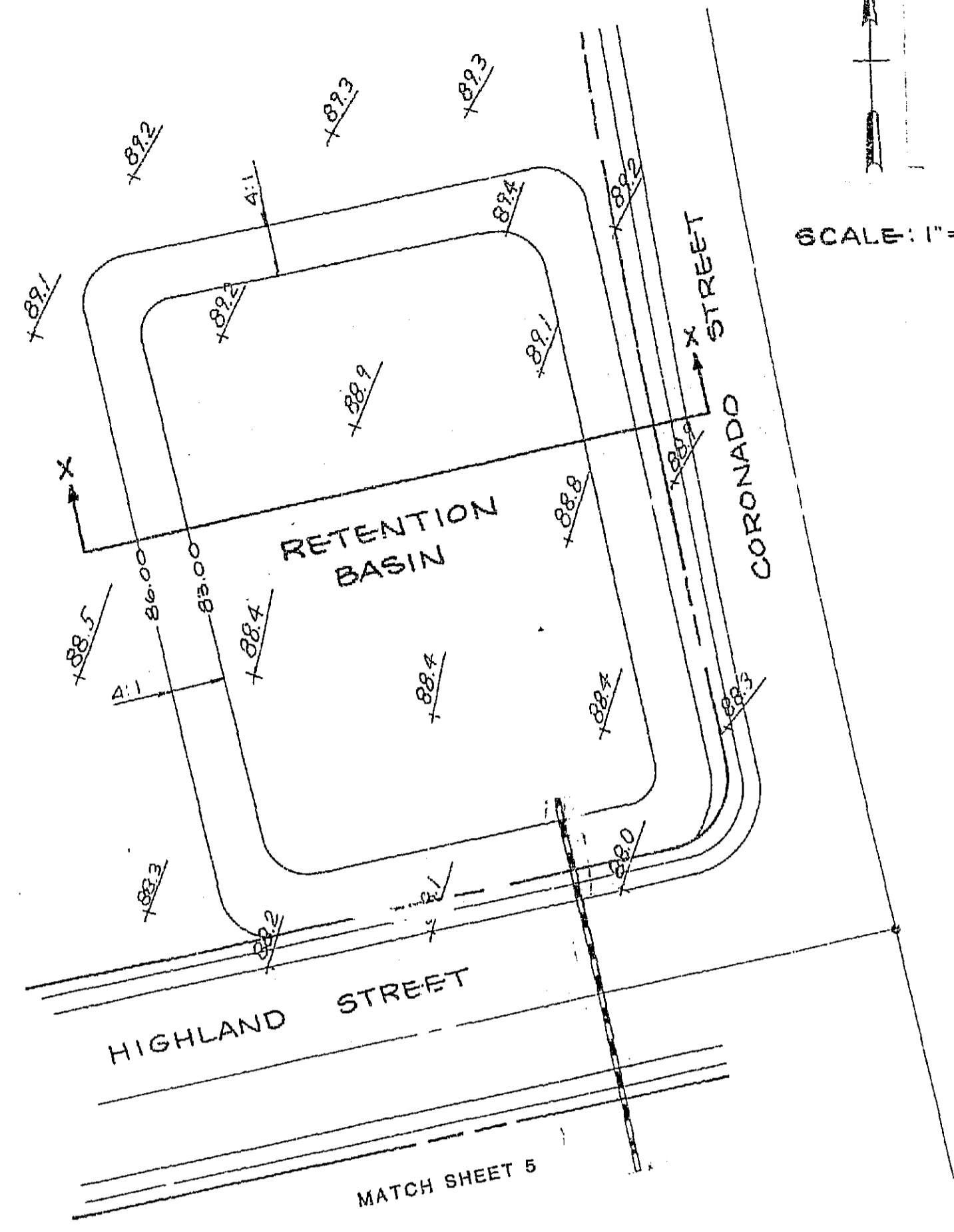
SECTION K-K*
N.T.S.



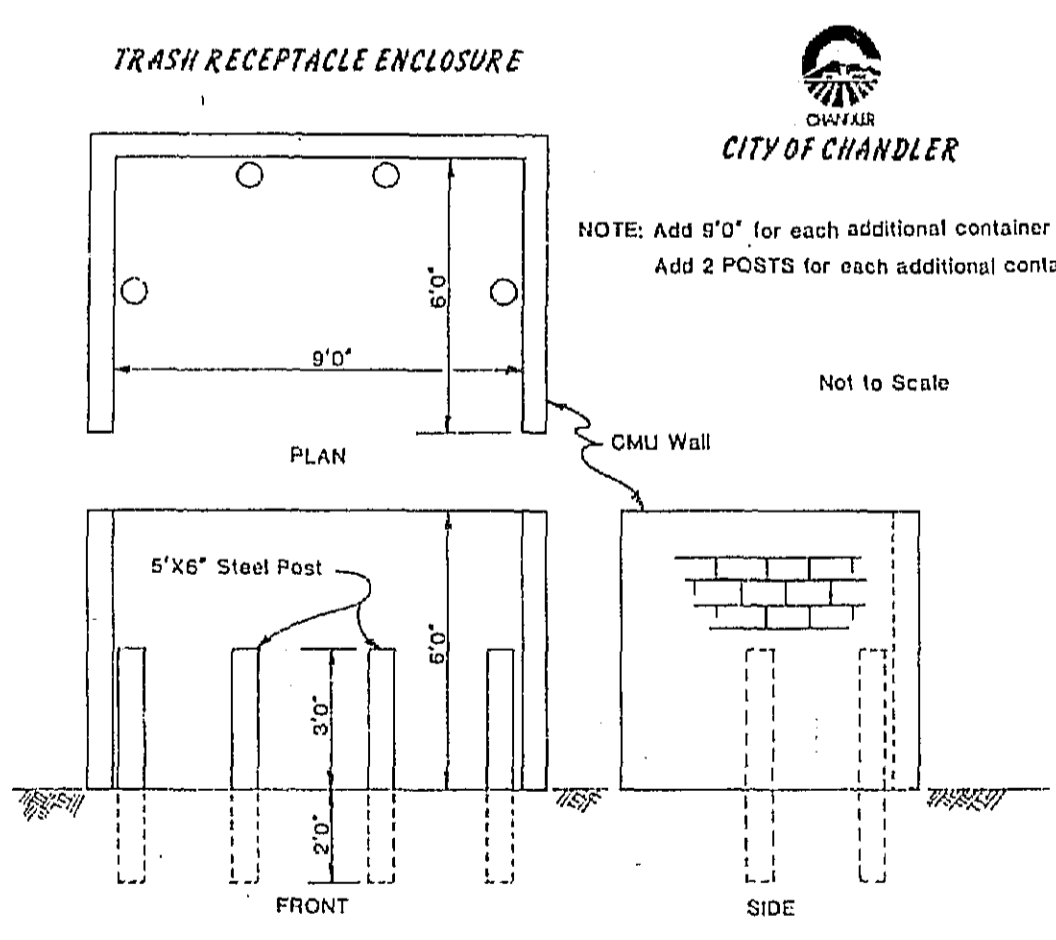
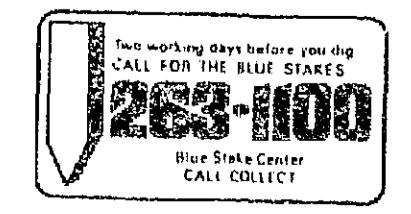
SECTION G-G*
N.T.S.



SECTION F-F*
N.T.S.

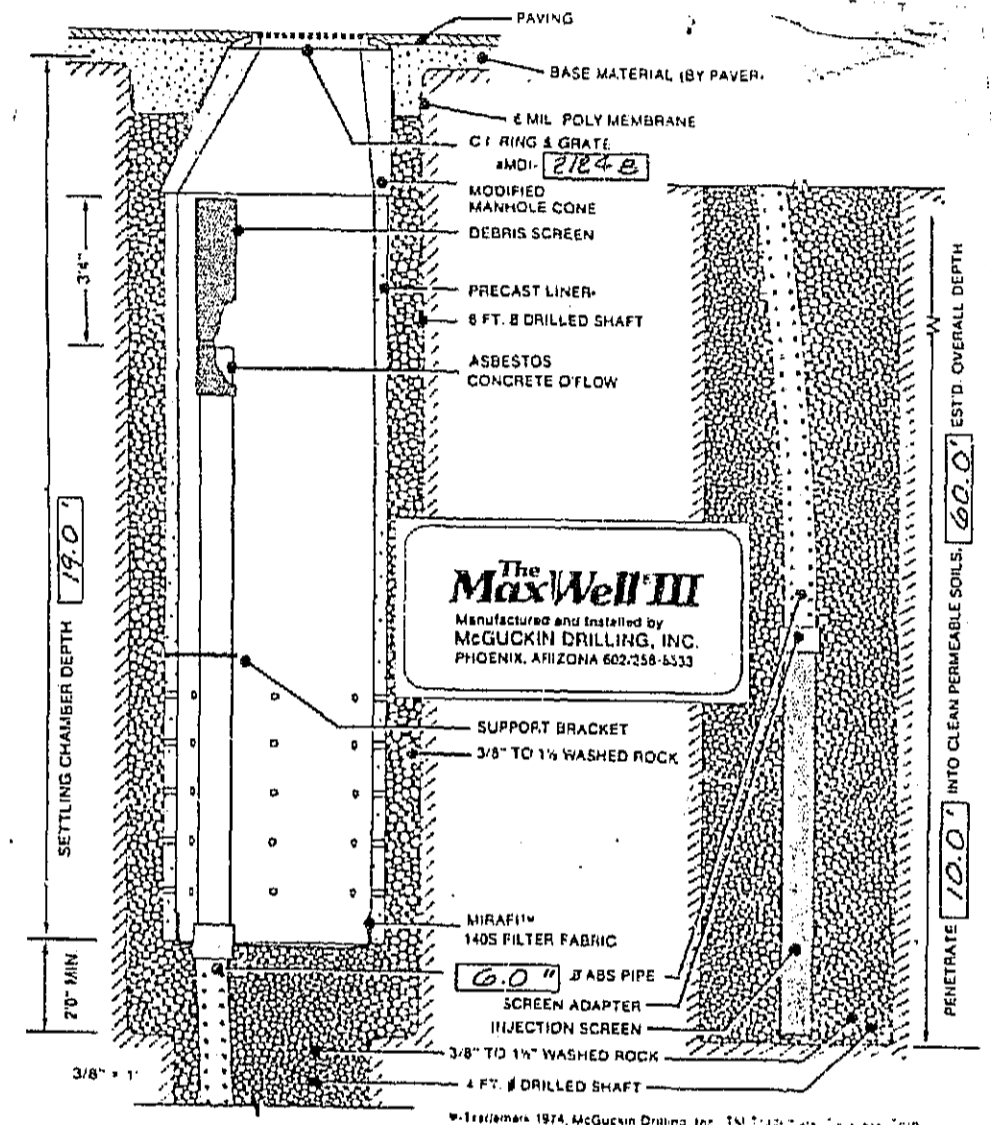


- 1 2" A.C. ON 6" A.B.C. WITH PRESERVATIVE SEAL.
 - 2 4" VERTICAL CURB & GUTTER PER M.A.G. STD. DET. 220-A
 - 3 C x C EXTRUDED CURB
 - 4 DRIVEWAY ENTRANCE TO GARAGE (CONCRETE)
 - 5 ASPHALT PARKING AREA
 - * ALL ELEVATIONS AND VARIOUS DISTANCES ARE PER PLAN.
 - 6 RIBBON CURB PER M.A.G. STD. DET 220-B
 - 7 PAYMENT TERMINATION M.A.G. STD. 201 TYPE 'A'
- THE CONTRACTOR SHALL MAKE NO CLAIM AGAINST THE OWNER OR THE ENGINEER REGARDING ALLEGED INACCURACY OF CONSTRUCTION STAKES SET BY THE ENGINEER UNLESS ALL SURVEY STAKES SET BY THE ENGINEER ARE MAINTAINED INTACT AND CAN BE VERIFIED AS TO THEIR ORIGIN. IF, IN THE OPINION OF THE ENGINEER, THE STAKES ARE NOT MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM OR IMPROPER CONSTRUCTION WORK IN THIS DEVELOPMENT SHALL BE PERFORMED AT THE SOLE EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.



TRASH RECEPTACLE ENCLOSURE
CITY OF CHANDLER

NOTE: Add 9'0" for each additional container required.
Add 2 POSTS for each additional container required.



INJECTION WELL SPECIFICATIONS

PRECAST LINER - REINFORCED 4000 PSI CONCRETE - 48" ID. 34" OD. 8-10' MANHOLE COME - STANDARD UTILITY CONSTRUCTION, EXCEPT FLAT BOTTOM.

OVERFLOW PIPE - ARS SEWER PIPE (AND PLASTIC IN SETTLING CHAMBER)

BRACKETS - DIE-FORMED 30" STEEL ORGANIC ZINC COATED.

DEBRIS SCREENS - 12" x 12" x 13 GA. 20' MAX. DIA. FLATTENED EXPANDED METAL - 1" LENGTH, ORGANIC ZINC COATED.

PERFORATED PIPE - ARS SEWER PIPE. FOUR (4) HOLES FROM LINES OF ROCK WITH M.D.A. PIPE BELOW CALDER COUPLER OR EQUAL.

RINGS AND GRATES - CLEAN CAST-IRON MACHINED MATING SURFACES. ROCK - CLEAN WASHED ROCK BETWEEN 3" AND 1 1/2" SIZED TO COMPLEMENT SOIL CONDITIONS.

DRAINAGE FABRIC - MIRAFIX™ 140S FABRIC OR EQUAL.

INJECTION SCREENS - 10" x 10 GA. 2" DIA. DIA. DIA. FLATTENED EXPANDED METAL. COAL TAIL. LPOXY COATED. 60' OVERALL LENGTH WITH M.D.S. COUPLER OR EQUAL.

HOLES ARE TO BE DRILLED IN A MANNER TO PREVENT CONTAMINATION OF FIRMABLE SOILS.

ARS PIPE SHALL BE SUSPENDED DURING BACKFILL OPERATIONS TO PREVENT BUCKLING OR BREAKAGE. PLACE FABRIC TIGHTLY AGAINST LINER PIPE.

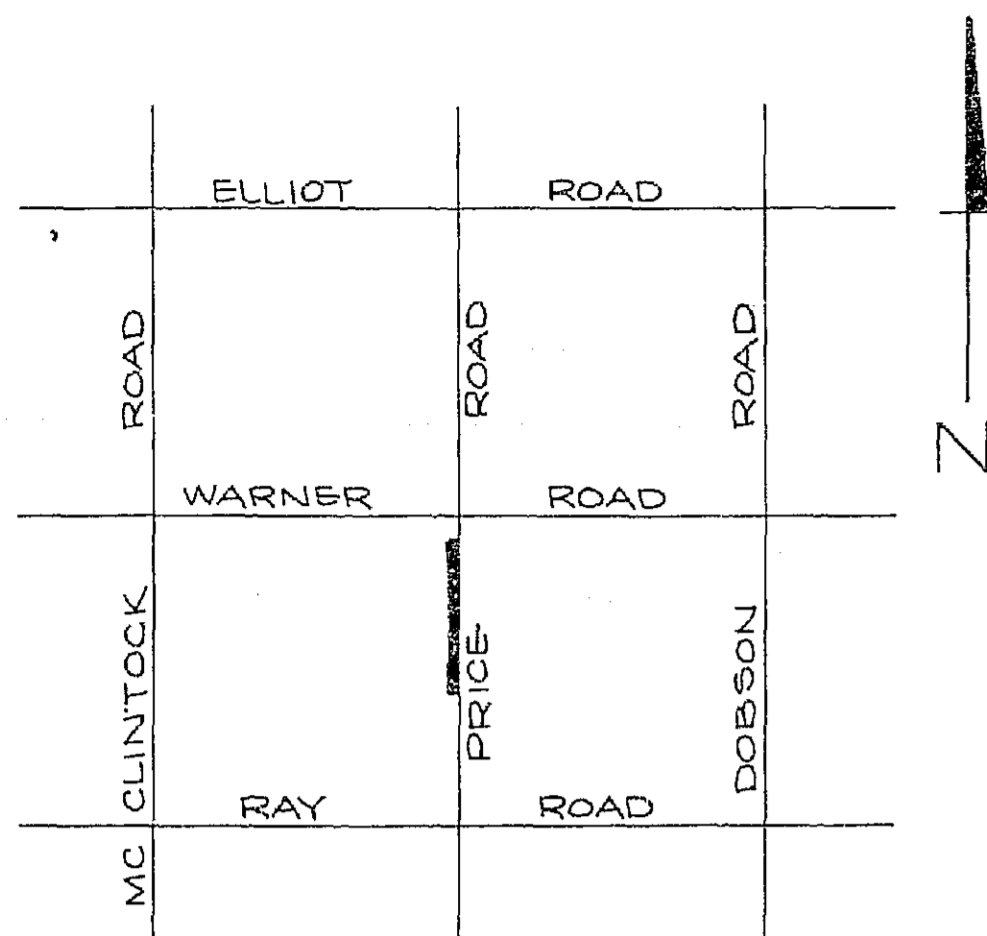
CENTER PRECAST LINER IN HOLE AND ALIGN SECTIONS TO MAXIMIZE BEARING SURFACE.

SECURE RING AND GRATE TO CORNER OF MANHOLE. RING ELEVATION 1.50' OF PLAN.

INJECTION WELL MANUFACTURER IS TO INSTALL TWO LAYERS OF MIRAFIX 140S FABRIC BENEATH GRATE.

GENERAL CONTRACTOR TO REMOVE AT END OF PROJECT. AFTER PAVING AND LANDSCAPING ARE COMPLETE.

| NO. | DATE | DESCRIPTION | DRAFTED | APPROVED |
|---|--------------|--------------------|--------------|----------|
| PLAN REVISIONS | | | | |
| COVENTRY HOMES | | | | |
| TERRACES AT TIBURON | | | | |
| PAVING & GRADING PLAN | | | | |
| AMERICAN ENGINEERING CO. | | | | |
| consulting engineers / surveyors | | | | |
| 11555 SCOTT WILSON DRIVE, TIBURON, CA 94920 | | | | |
| LAYOUT | DRAFTING | MODIFICATION | | |
| DESIGN | DRAFTING | MODIFICATION | | |
| LAYOUT CHECK | DESIGN CHECK | MODIFICATION CHECK | | |
| DRAWING SCALE(S) | | | SHEET NUMBER | |
| PRELIMINARY PLAN DATE | JAN. 1986 | | 2 | |
| PROJECT NUMBER | 85330 | | OF 6 SHEETS | |



VICINITY MAP

CITY OF CHANDLER
GENERAL NOTES

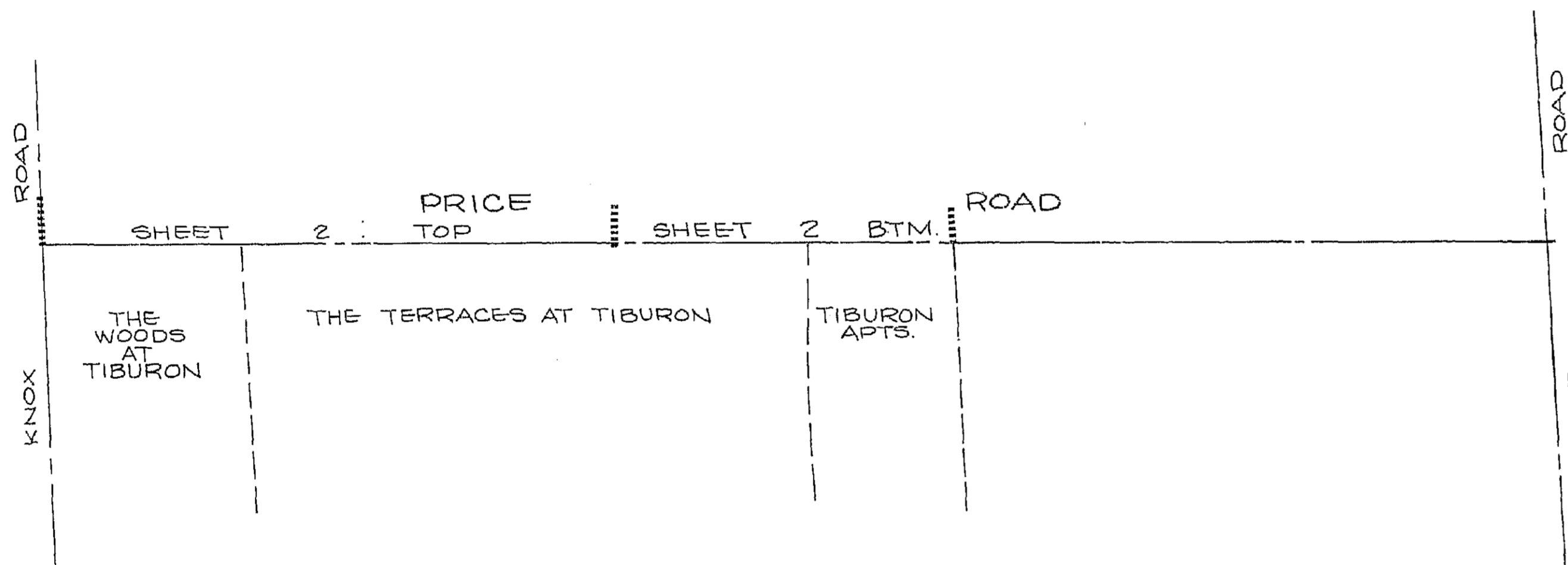
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT MAG SPECIFICATIONS AND STANDARD DETAIL AS MODIFIED BY THE CITY OF CHANDLER.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO CONSTRUCTION.
- THE CITY ENGINEER'S OFFICE SHALL BE NOTIFIED 24 HOURS PRIOR TO STARTING EACH PHASE OF CONSTRUCTION (899-9711).
- ANY WORK PERFORMED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR WILL UNCOVER ALL EXISTING LINES BEING TIED INTO TO VERIFY THEIR LOCATION. THE CONTRACTOR WILL LOCATE OR HAVE LOCATED ALL EXISTING UNDERGROUND UTILITIES (ELECTRIC, TELEPHONE, PIPELINES, ETC.) AND STRUCTURES IN ADVANCE OF CONSTRUCTION AND WILL ELIMINATE ALL CONFLICTS PRIOR TO START OF CONSTRUCTION. BLUE STAKE TELEPHONE NO. IS 263-1100.
- THE CITY OF CHANDLER IS NOT RESPONSIBLE FOR LIABILITY ACCRUED DUE TO DELAYS AND/OR DAMAGES TO UTILITIES IN CONJUNCTION WITH THIS CONSTRUCTION. THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR UTILITY RELOCATION.
- NO FINAL ACCEPTANCE SHALL BE ISSUED UNTIL LINEN OR MYLAR REPRODUCIBLE "AS-BUILT" PLANS CERTIFIED BY THE ENGINEER, HAVE BEEN SUBMITTED AND ACCEPTED BY THE CITY ENGINEER. "AS-BUILT" PLANS SHALL BE PREPARED IN ACCORDANCE WITH CITY OF CHANDLER PUBLIC WORKS DEPT. POLICIES, P-67 AND P-68.
- BACKFILLING SHALL NOT BE STARTED UNTIL LINES ARE APPROVED BY THE CITY ENGINEER.
- ALL BACKFILLING SHALL BE TYPE I PER MAG SPECIFICATION 601.
- DISPOSAL OF AND STOCKPILING OF EXCESS MATERIAL WITHIN THE CHANDLER CITY LIMITS OR PLANNING AREA WILL BE DONE IN SUCH A WAY THAT WILL NOT CREATE A NUISANCE. THE PLACING OF MATERIAL ON PRIVATE PROPERTY OF ANOTHER REQUIRES WRITTEN AUTHORIZATION.
- TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE CHANDLER TRAFFIC BARRICADE MANUAL.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- APPLICATIONS FOR STREET CUT PERMITS MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO APPROVAL OF IMPROVEMENT PLANS. ALL PAVEMENT REPLACEMENT SHALL BE IN ACCORDANCE WITH MAG STANDARD DETAIL 200, "T" TOP TYPE; WITH FULL DEPTH ABC BACKFILL.
- CONTRACT REFUSE SERVICE, IF USED, SHALL BE WITH THE CITY'S REFUSE CONTRACTOR.
- AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOBSITE AT ALL TIMES WORK IS IN PROGRESS. DEVIATION FROM THE PLANS WILL NOT BE ALLOWED WITHOUT AN APPROVED PLAN REVISION.
- I HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION AS SHOWN HEREON WAS MADE UNDER MY SUPERVISION, OR AS NOTED, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Laron D. Garret
REGISTERED PROFESSIONAL ENGINEER

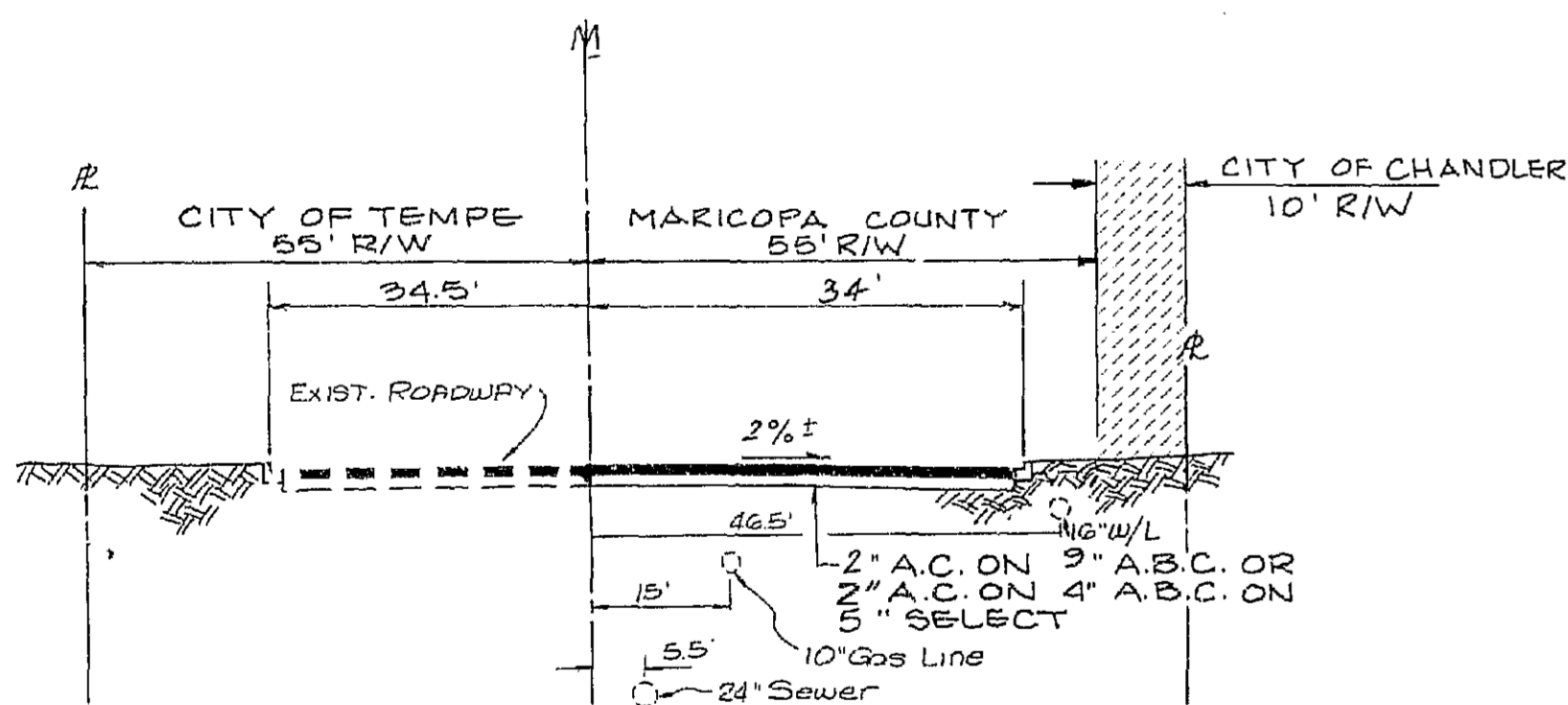
12-26-86
DATE

ALL CONSTRUCTION TO CONFORM TO M.C.H.D. STD. DETAILS, M.A.G. SPECS AND MARICOPA COUNTY SPECIAL PROVISIONS FOR CONSTRUCTION OF STREET IMPROVEMENTS DATED 8-2-82. (PRICE ROAD COUNTY R/W)

SCALE: 1"=200'



KEY MAP



TYPICAL STREET CROSS SECTION DETAIL

STA. 0+00 to STA. 16+00

- A. CONCRETE
- CURB: M.A.G. STANDARD DETAIL 220 TYPE "A"
 - SIDEWALK: M.A.G. STANDARD DETAIL 230
- ALL CONCRETE TO BE MAG STANDARD SPECIFICATION CLASS "B"
- B. PAVING
- AGGREGATE BASE COURSE
 - THICKNESS: 9" ABC or 4" ABC on 5" SELECT
 - MATERIAL: CONFORMING TO SECTION 702.2 MAG STANDARD SPECIFICATIONS.
 - ASPHALTIC CONCRETE
 - THICKNESS: 7" (2) INCH MINIMUM
 - MATERIAL: CONFORMING TO MAG STANDARD SPECIFICATION TYPE C 3/4 (WITHOUT LINE).

NOTE:
PRICE ROAD TO BE IMPROVED IN CONJUNCTION WITH THE TERRACES AT TIBURON PHASE 1-B

CITY OF CHANDLER
PAVING NOTES

- LOCATION OF ALL VALVES MUST BE REFERENCED AT ALL TIMES BY THE CONTRACTOR DURING CONSTRUCTION.
- NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UNDERGROUND UTILITIES WITHIN THE ROADWAY ARE COMPLETED.
- BASE COURSE WILL NOT BE PLACED ON SUBGRADE UNTIL BASE REQUIREMENTS HAVE BEEN COMPLETED AND ACCEPTED BY THE CITY ENGINEER.
- GUTTERS WILL BE WATER TESTED IN THE PRESENCE OF THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE TO INSURE PROPER DRAINAGE, PRIOR TO FINAL APPROVAL.
- EXACT POINT OF MATCHING TERMINATION AND OVERLAY, IF NECESSARY, MAY BE DETERMINED IN THE FIELD BY THE CITY ENGINEER.
- NO JOB WILL BE CONSIDERED COMPLETE UNTIL ALL CURBS, PAVEMENT AND SIDEWALKS HAVE BEEN SWEEP CLEAN OF ALL DIRT AND DEBRIS.
- BLUE REFLECTIVE SPOTTERS SHALL BE INSTALLED BY THE CITY ON DEVELOPER INSTALLED POLES AT THE DEVELOPER'S EXPENSE. PAYMENT WILL BE COLLECTED AT THE TIME A PAVING PERMIT IS ISSUED.
- STREET NAME SIGNS WILL BE INSTALLED BY THE CITY ON DEVELOPER INSTALLED POLES AT THE DEVELOPER'S EXPENSE. PAYMENT WILL BE COLLECTED AT THE TIME A PAVING PERMIT IS ISSUED.
- DECORATIVE CONCRETE, WHEN APPROVED BY THE CITY ENGINEER, SHALL BE CONSTRUCTED IN ACCORDANCE WITH MAG SPECIFICATION 340 (CLASS B) WITH A MINIMUM THICKNESS OF 8 INCHES. DECORATIVE SURFACE SHALL BE 3000 PSI BOMANITE MIX (6 SACK MINIMUM) AND IF NOT PLACED MONOLITHICALLY, SHALL BE PLACED WITHIN 4 HOURS OF THE BASE COURSE WITH A MINIMUM THICKNESS OF 1 1/2 INCHES AND FINISHED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- CERTIFIED SOIL TEST SHOWS 0 PER CENT SWELL TESTED AT 2 TO 3 PER CENT BELOW OPTIMUM MOISTURE WITH 200 PSF SURCHARGE. MINIMUM DENSITY REQUIREMENTS FOR COMPACTION ON THIS SITE SHALL BE 95 PER CENT.

| AGENCY | UTILITY BLOCK REPRESENTATIVE | DATE |
|--|------------------------------|----------------|
| SALT RIVER PROJECT POWER USE PLANNING DEPT. MUNICIPAL COORDINATION | TOM DOUT (LETTER) | APRIL 14, 1986 |
| MOUNTAIN BELL | PAT RAECK | |
| ARIZONA PUBLIC SERVICE | N/A | |
| SALT RIVER VALLEY WATER USERS ASSOCIATION | N/A | |
| EL PASO NATURAL GAS CO. | LETTER SENT MARCH 24, 1986 | NO REPLY |
| AIR PRODUCTS | PAUL BRAUNSTEIN (LETTER) | MARCH 26, 1986 |

APPROVED FOR COMPLIANCE WITH CITY CODE

Laron D. Garret
CITY ENGINEER
DATE: 8/14/86

Scott M. Larson
PUBLIC WORKS ENGINEER
DATE: 7/15/86

PRICE ROAD PAVING PROJECT
DICK FROMM, MORRISON - KNUDSEN ENGINEERING

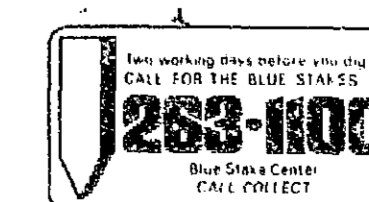
NOTE: PAVING CONTRACTOR TO ADJUST ALL MANHOLE RIMS AND WATER VALVE BOXES TO FINISH GRADE M.A.G. STD. DET. 422.

BENCH MARKS:

- NAIL IN THE SOUTH FACE OF POWER POLE AT THE NORTHWEST CORNER OF THE PRICE ROAD AND WARNER ROAD INTERSECTION. BM ELEV. = 1190.13
 - NAIL IN SOUTH FACE OF POWER POLE 565 FEET EAST OF MONUMENT LINE OF PRICE ROAD AND 32 FEET NORTH OF THE MONUMENT LINE OF WARNER ROAD. BM ELEV. = 1188.27
 - TOP SW BOLT OF FIRE HYDRANT 3082 FEET EAST OF THE MONUMENT LINE OF PRICE ROAD AND 69 FEET NORTH OF THE MONUMENT LINE OF WARNER ROAD. BM ELEV. = 1192.04
- ELEVATION EQUATION BETWEEN THESE BENCH MARKS AND CMCN #10.
ELEVATION PER THIS PLAN - 0.33 = CMCN #10

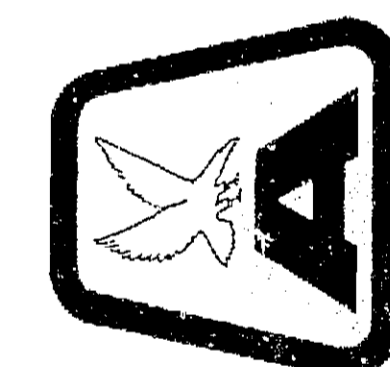
ESTIMATED QUANTITIES

| | |
|------------------------|---------|
| 2" AC ON 9" ABC | 5215 SY |
| 6" VERT. CURB & GUTTER | 1488 LF |
| SIDEWALK | 402 SF |
| SIDEWALK RAMPS | 3 EA |
| SURVEY MONUMENT | 1 EA |
| SCUPPER | 2 EA |
| WARNING SIGNS | 1 EA |



PAVING AS-BUILT

AMERICAN ENGINEERING CO.
consulting engineers / surveyors
3864 NORTH 27TH AVENUE PHOENIX, ARIZONA 85017 (602) 277-3886



PROJECT NAME
PRICE ROAD

PROJECT MANAGER
LA RON GARRET

PROJECT ENGINEER
SCOTT M. LARSON

CLIENT (Owner - Developer)
CONTRARY HOMES
3875 N. 44TH ST
SUITE 201
PHOENIX, ARIZONA 85018
PHONE: 840-8300

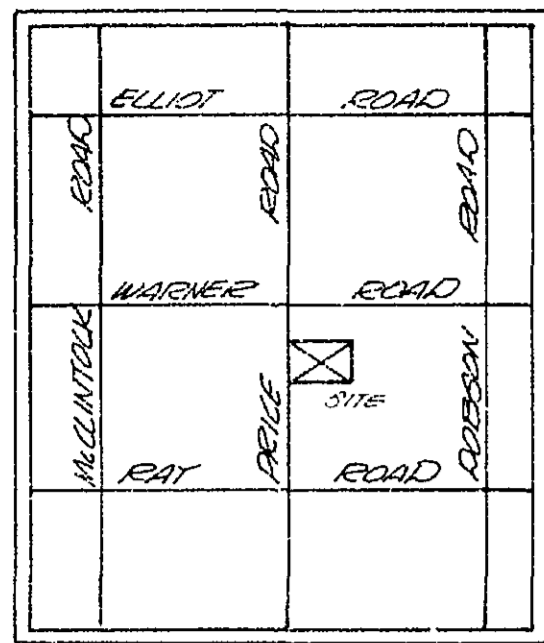
PLAN TYPE
PAVING PLAN

PLAN SET REVISION
NO. DATE SHEET NOS. APPROVED

SEALED
JOB NO.
85330.1

SHEET NO.
1

OF 2 SHEETS



LOCATION MAP

BENCHMARKS:

SEC 19 T15 R5E
 3" CITY OF CHANDLER BRASS CAP IN CONCRETE,
 FLUSH BETWEEN RAY ROAD & WARNER ROAD,
 200' EAST OF RAY ROAD & 190' NORTH OF
 CABLE OAK NORTH ON FIREHOUSE CT. AT THE RADIOS
 POINT OF CURVE. S&E
 ELEVATION = 1155.652 - CM CN #10

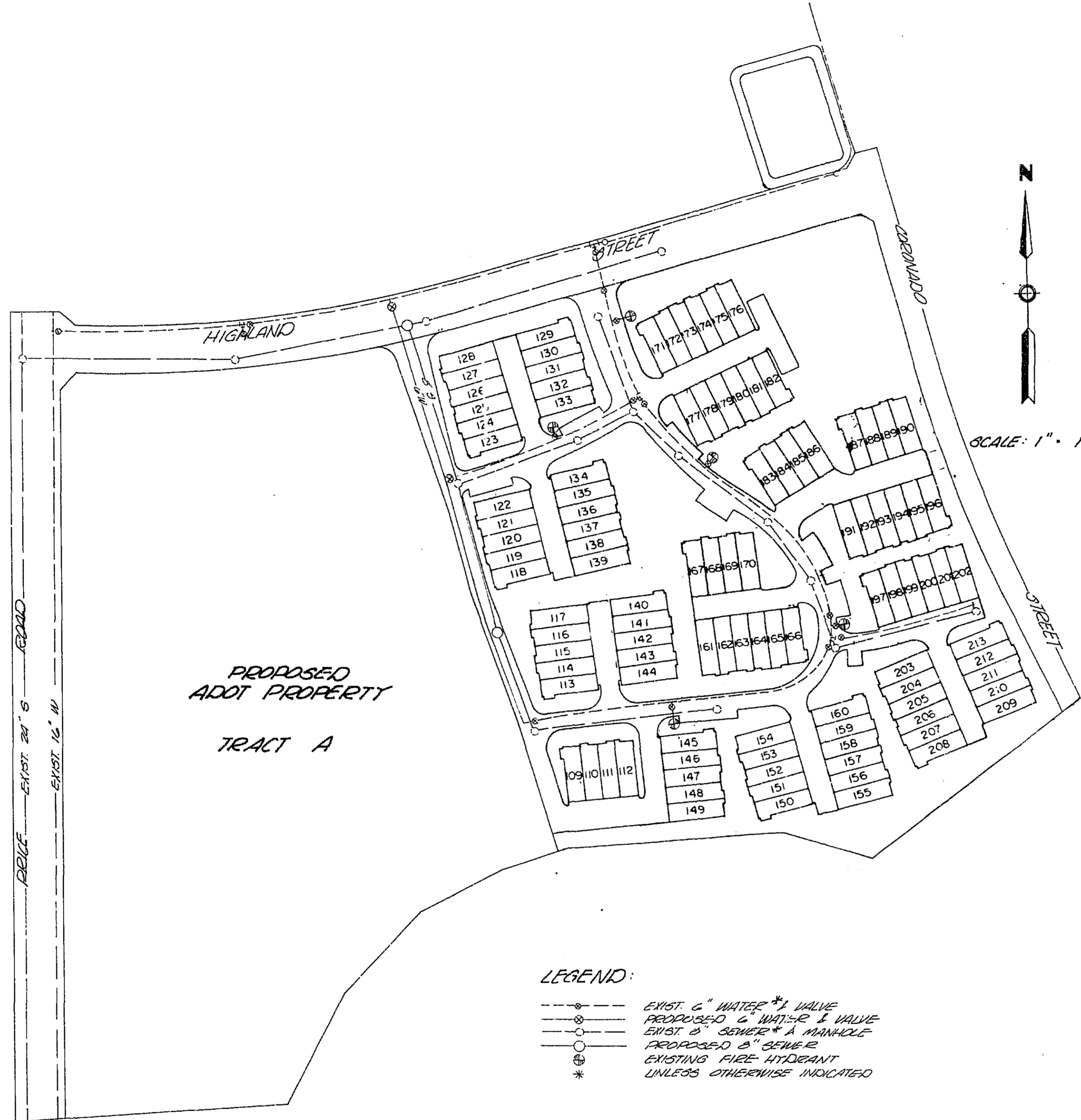
COORDINATION WITH UTILITIES

| | |
|-----------------|----------|
| REIN VON KAMPEN | 2-DEC-87 |
| DATE | |
| MARY WIGGINS | 2-DEC-87 |
| DATE | |

APPROVED FOR COMPLIANCE WITH CITY CODE:

W. J. ... 2/11/88
 DATE

| | |
|-------------------------------|------|
| PUBLIC WORKS ENGINEER | DATE |
| WARENDORA COUNTY HEALTH DEPT. | DATE |



SCALE: 1" = 100'

LEGEND:

- EXIST. 6" WATER * 1/2" VALVE
- PROPOSED 6" WATER * 1/2" VALVE
- EXIST. 8" SEWER * 1/2" MANHOLE
- PROPOSED 8" SEWER
- EXISTING FIRE HYDRANT
- * UNLESS OTHERWISE INDICATED

- CITY OF CHANDLER
GENERAL NOTES
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT MAG SPECIFICATIONS AND STANDARD DETAIL AS MODIFIED BY THE CITY OF CHANDLER.
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO CONSTRUCTION.
 - THE CITY ENGINEER'S OFFICE SHALL BE NOTIFIED 24 HOURS PRIOR TO STARTING EACH PHASE OF CONSTRUCTION (899-9711).
 - ANY WORK PERFORMED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND/OR ALL WORK AND MATERIAL NOT IN CONFORMANCE WITH THE SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR WILL UNCOVER ALL EXISTING LINES BEING TIED INTO TO VERIFY THEIR LOCATION. THE CONTRACTOR WILL LOCATE OR HAVE LOCATED ALL EXISTING UNDERGROUND UTILITIES (ELECTRIC, TELEPHONE, PIPELINES, ETC.) AND STRUCTURES IN ADVANCE OF CONSTRUCTION AND WILL ELIMINATE ALL CONFLICTS PRIOR TO START OF CONSTRUCTION. BLUE STAKE TELEPHONE NO. 15 263-1100.
 - THE CITY OF CHANDLER IS NOT RESPONSIBLE FOR LIABILITY ACCRUED DUE TO DELAYS AND/OR DAMAGES TO UTILITIES IN CONJUNCTION WITH THIS CONSTRUCTION. THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR UTILITY RELOCATION.
 - NO FINAL ACCEPTANCE SHALL BE ISSUED UNTIL LINES OR M/LAN REPRODUCIBLE "AS-BUILT" PLANS CERTIFIED BY THE ENGINEER, HAVE BEEN SUBMITTED AND ACCEPTED BY THE CITY ENGINEER.
 - BACKFILLING SHALL NOT BE STARTED UNTIL LINES ARE APPROVED BY THE CITY ENGINEER.
 - ALL BACKFILLING SHALL BE TYPE 1 PER MAG SPECIFICATION 601.
 - DISPOSAL OF AND STOCKPILING OF EXCESS MATERIAL WITHIN THE CHANDLER CITY LIMITS OR PLANNING AREA WILL BE DONE IN SUCH A WAY THAT WILL NOT CREATE A NUISANCE. THE PLACING OF MATERIAL ON PRIVATE PROPERTY OF ANOTHER REQUIRES WRITTEN AUTHORIZATION.
 - TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE CHANDLER TRAFFIC BARRICADE MANUAL.
 - THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAR, MUD AND DUST FREE CONDITION AT ALL TIMES.
 - APPLICATIONS FOR STREET CUT PERMITS MUST BE APPROVED BY THE CITY ENGINEER PRIOR TO APPROVAL OF IMPROVEMENT PLANS. ALL PAVEMENT REPLACEMENT SHALL BE IN ACCORDANCE WITH MAG STANDARD DETAIL 200, "T" TOP TYPE; WITH FULL DEPTH ABC BACKFILL.
 - CONTRACT REFUSE SERVICE, IF USED, SHALL BE WITH THE CITY'S REFUSE CONTRACTOR.
 - AN APPROVED SET OF PLANS SHALL BE MAINTAINED ON THE JOBSITE AT ALL TIMES WORK IS IN PROGRESS. DEVIATION FROM THE PLANS WILL NOT BE ALLOWED WITHOUT AN APPROVED PLAN REVISION.
 - I HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION AS SHOWN HEREON WAS MADE UNDER MY SUPERVISION, OR AS NOTED, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

- REGISTERED PROFESSIONAL ENGINEER _____ DATE _____
- CITY OF CHANDLER
WATER NOTES
- FIRE HYDRANTS SHALL BE WATEROUS PACER 4B-67 OR KENNEDY GUARDIAN (DRY BARREL) OR MUELLER CENTURION OR CLOW P2500 AND SHALL BE FURNISHED BY THE CONTRACTOR AND INSTALLED IN ACCORDANCE WITH CHANDLER STANDARD DETAIL 50. ALL PUBLIC FIRE HYDRANTS SHALL BE PAINTED CHROME YELLOW AFTER INSTALLATION.
 - ALL VALVES SHALL BE GATE TYPE, UNLESS OTHERWISE NOTED, AND OPEN TO THE LEFT.
 - ALL 3/4 AND 1" SERVICE LINES SHALL BE TYPE "K" COPPER WITH FLARED FITTINGS. ONE AND ONE-HALF INCH AND TWO INCH SERVICE LINES SHALL BE RIGID COPPER WITH SWEATED FITTINGS AND ANGLE CUMB STOP. SEE C.O.C. STANDARD DETAIL 103.
 - LINESHEDTERS SHALL BE FORD L54V-21-23S OR APPROVED EQUAL WITH COPPER OR BRASS BRACE BAR AND SHALL BE LOCATED 8" BELOW TOP OF METER BOX.
 - ALL TAPS SHALL USE A BRONZE SERVICE SADDLE. EIGHT (8) INCHES OR LESS SHALL BE SINGLE STRAP TAP (10) INCHES OR GREATER SHALL BE DOUBLE STRAP.
 - METER BOXES AND LIDS TO BE SUPPLIED BY THE DEVELOPER AND INSTALLED FACING LOT. (SEE MAG STANDARD DETAIL 320 OR C.O.C. STANDARD DETAIL 100-1) NO PLASTIC METER BOXES.
 - CITY OF CHANDLER TO FURNISH AND INSTALL ALL WATER METERS WITH PREVAILING COSTS TO BE PAID BY DEVELOPER.
 - ALL VALVE BOXES SHALL BE MAG DETAIL 391-1, TYPE "C".
 - CITY WATER VALVES WILL BE OPERATED BY CITY PERSONNEL ONLY.
 - TAPS IN ACP SHALL BE MADE IN ACCORDANCE WITH RECOMMENDATIONS OF ACP MANUFACTURERS ASSOCIATION.
 - BUTTERFLY VALVE OPERATOR WILL BE OFFSET TO THE SIDE OF MAIN AWAY FROM MONUMENT LINE.

- CITY OF CHANDLER
SEWER NOTES
- MANHOLE STEPS TO BE PLASTIC TYPE ONLY.
 - ALL MANHOLE RINGS AND COVERS TO BE CAST IRON. MANHOLE LIDS SHALL HAVE IMPRINTED "CHANDLER SANITARY SEWER", TWENTY-FOUR AND THIRTY INCH COVERS WILL HAVE A ONE INCH DIAMETER HOLE INBOARD OF THE HEBBING.
 - PRECAST MANHOLES SHALL HAVE IMPRESSION RING TYPE BASES.
 - ALL TAPS SHALL BE WYE TYPE.
 - CONNECTIONS TO EXISTING SEWER MAINS SHALL BE ACCOMPLISHED BY MACHINE TAPPING, UTILIZING A SADDLE, OR BY CONSTRUCTION OF A MANHOLE.
 - SEWER TAPS SHOULD BE 4 1/2 FEET DEEP AT PROPERTY LINE. TO RAISE THE TAP FROM THE MAINS DEEPER THAN 6 FEET, THE WYE AND 1/8 BEND SHALL BE SET AT A 45° ANGLE FROM HORIZONTAL AND A SHORT PIECE OF STRAIGHT PIPE SHALL BE PLACED ON THE 1/8 BEND. ANOTHER 1/8 BEND IS PLACED AT THE OTHER END OF THE SHORT PIPE TO BRING THE TAP TO APPROPRIATE GRADE AT THE PROPERTY LINE.
 - ALL SEWER SERVICE CONNECTIONS SHALL BE EXTENDED A SUFFICIENT DISTANCE BEYOND STREET RIGHT OF WAY LINES TO CLEAR ALL FACILITIES TO BE INSTALLED IN PUBLIC UTILITY EASEMENTS WHICH PARALLEL THE STREET RIGHT OF WAY.

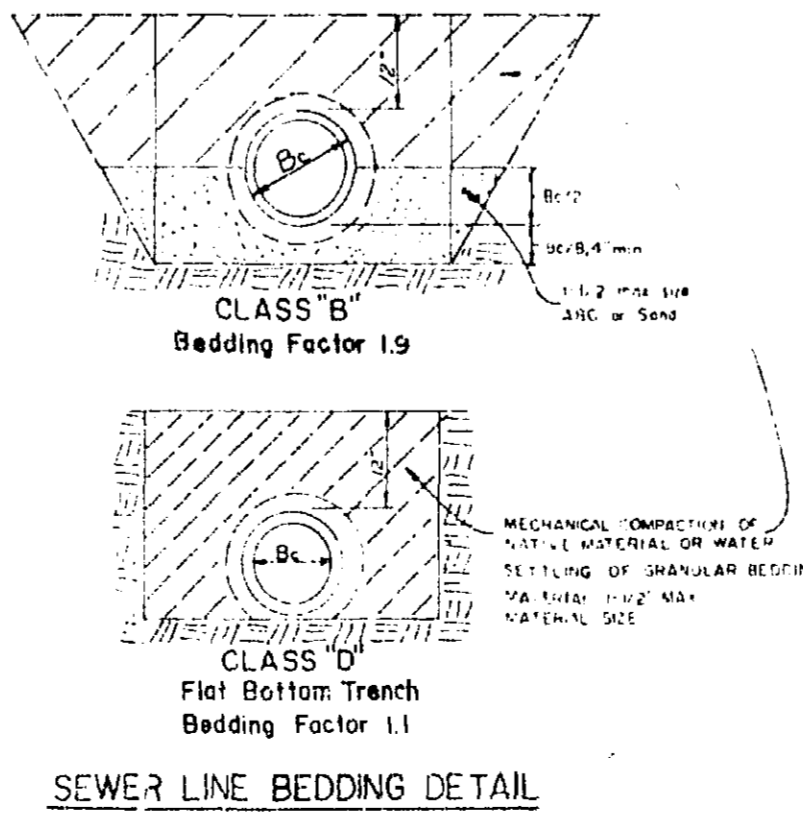
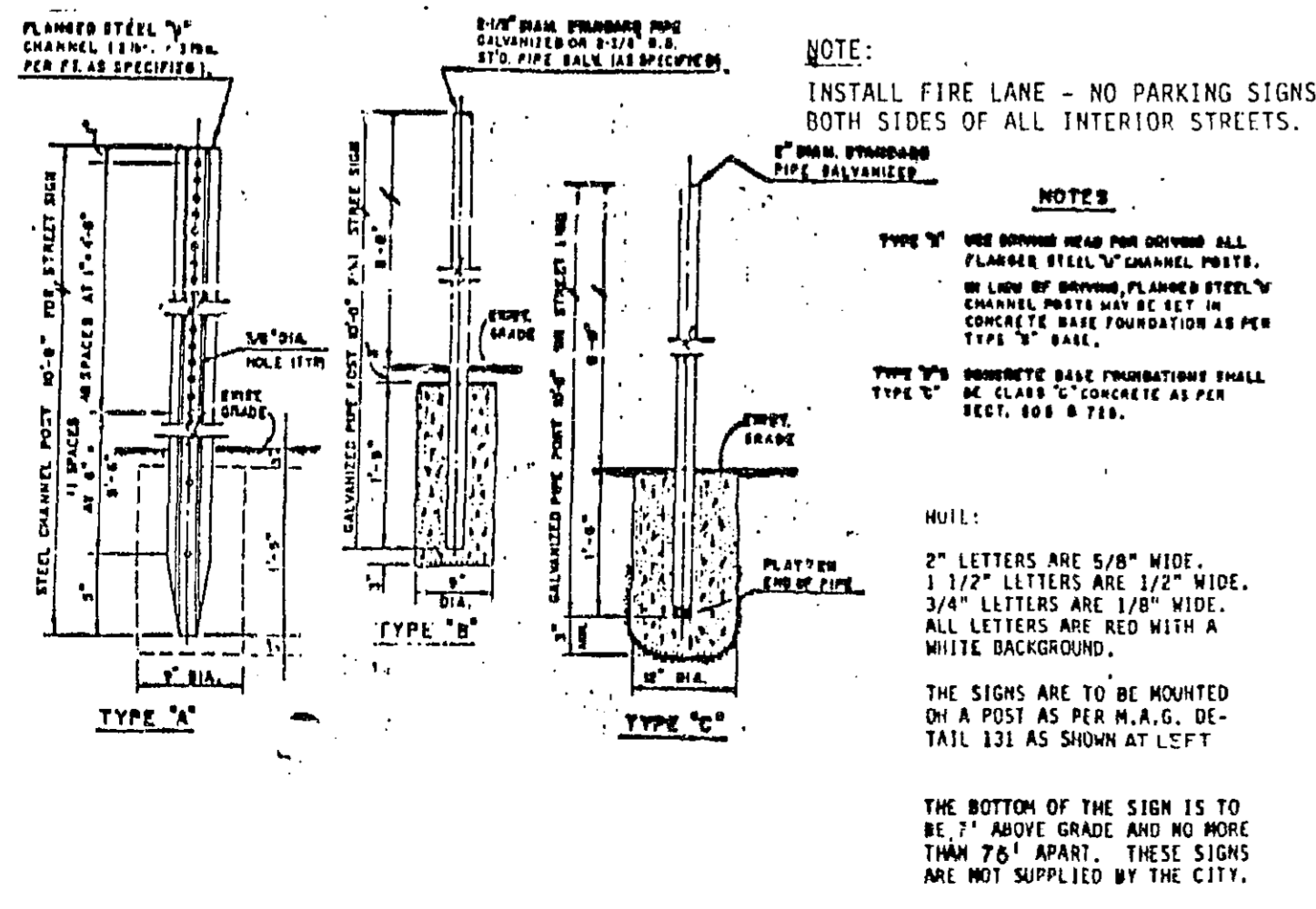
THE CONTRACTOR SHALL MAKE NO CLAIM AGAINST THE OWNER OR THE ENGINEER REGARDING ALLEGED INACCURACY OF CONSTRUCTION STAKES SET BY THE ENGINEER UNLESS ALL SURVEY STAKES SET BY THE ENGINEER ARE MAINTAINED INTACT AND CAN BE VERIFIED AS TO THEIR ORIGIN. IF, IN THE OPINION OF THE ENGINEER, THE STAKES ARE NOT MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM OR IMPROPER CONSTRUCTION WORK IN THIS DEVELOPMENT SHALL BE PERFORMED AT THE SOLE EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.

ESTIMATED SEWER QUANTITIES

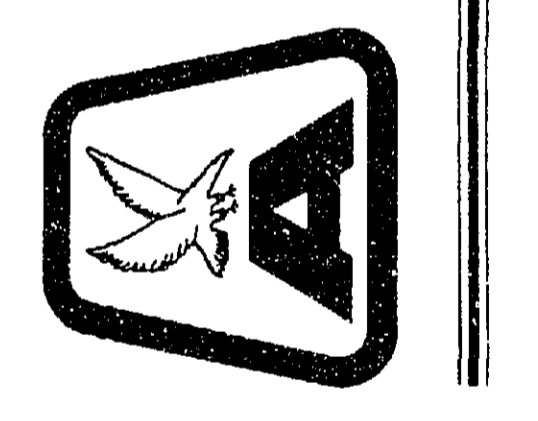
| |
|---------------------|
| 2 EA SEWER MANHOLE |
| 555 LF 8" VCP |
| 80 LF REMOVE 8" VCP |

ESTIMATED WATER QUANTITIES

| |
|---------------------------------|
| 1 EA 6" WATER VALVE BOX & COVER |
| 1 EA 8" x 8" TSVB&C |
| 575 LF 8" ACP |
| 70 LF REMOVE ACP |
| 1 EA 8" VB&C |



AMERICAN ENGINEERING CO.
 consulting engineers / surveyors
 21442 NORTH 20TH AVENUE • PHOENIX, ARIZONA 85027 • (602) 277-3386



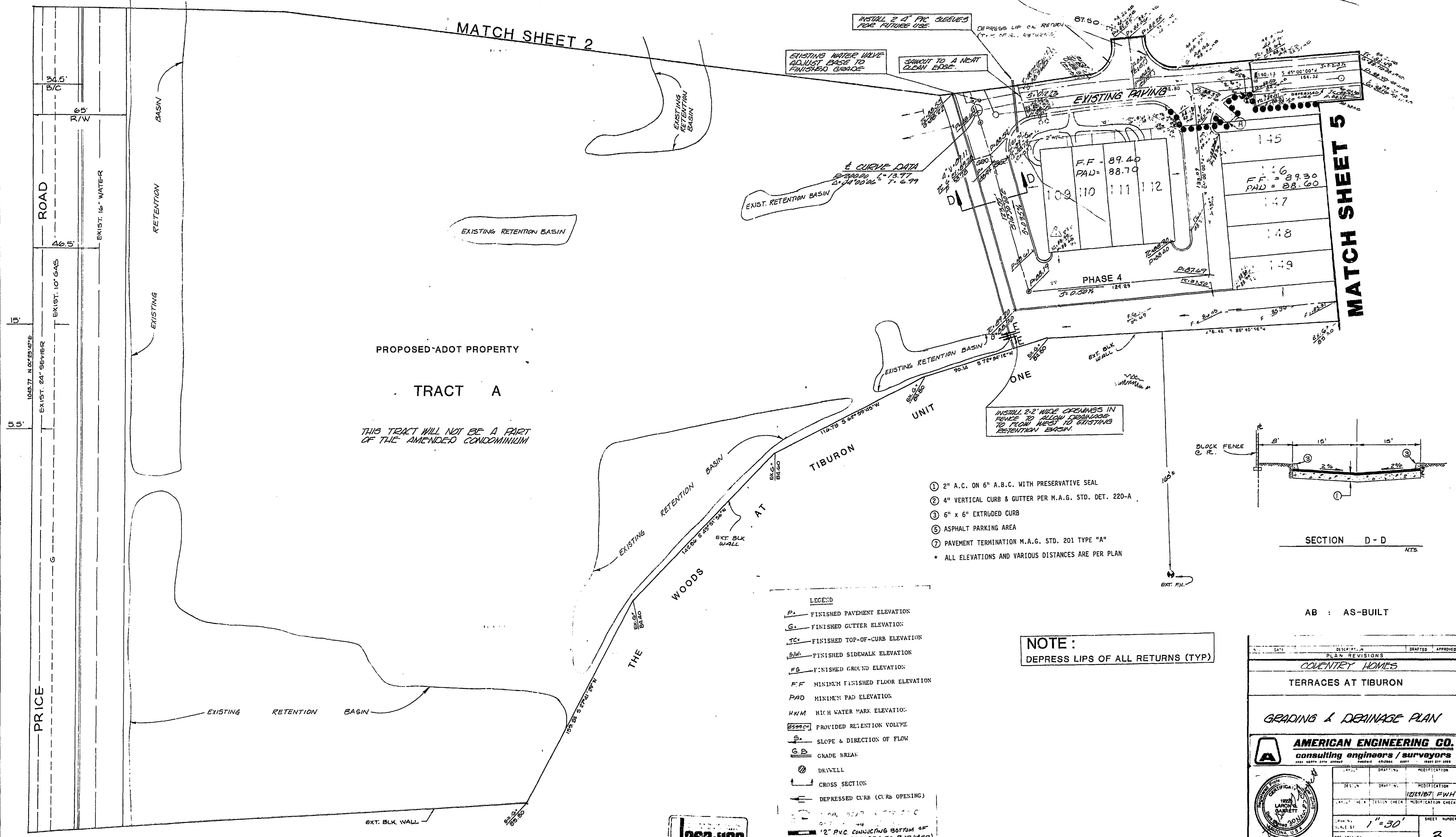
| | |
|---------------------------|-----------------|
| MANAGING PROJECT ENGINEER | |
| LARON GARRETT P.E. | |
| AZ. REG. NO. | |
| PROJECT COORDINATION | |
| LARON GARRETT | |
| PLAN DESIGN | |
| LARON GARRETT | |
| OWNER/DEVELOPER | |
| COVENTRY HOMES | |
| 3875 N. 44TH STREET | |
| SUITE 201 | |
| PHOENIX, ARIZONA 85018 | |
| (602) 840-8300 | |
| PLAN TYPE | |
| WATER & SEWER | |
| PROJECT NAME | |
| THE TERRACES AT TIBURON | |
| PLAN DATE | LATEST REVISION |
| NOV 1987 | DEC. 29, 1987 |
| SEAL | JOB NO. |
| | 87070 |
| SHEET NO. | |

NOT AS BUILT
 3-383 1-2 WS

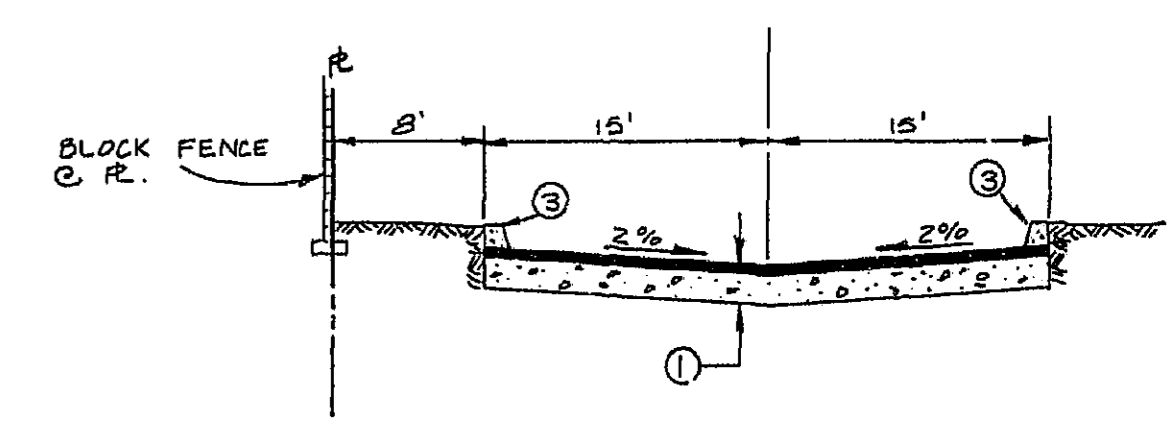
MATCH SHEET 2

MATCH SHEET 5

PROPOSED ADOT PROPERTY
TRACT A
THIS TRACT WILL NOT BE A PART OF THE AMENDED CONDOMINIUM



- ① 2" A.C. ON 6" A.B.C. WITH PRESERVATIVE SEAL
 - ② 4" VERTICAL CURB & GUTTER PER M.A.G. STD. DET. 220-A
 - ③ 6" x 6" EXTRUDED CURB
 - ④ ASPHALT PARKING AREA
 - ⑦ PAVEMENT TERMINATION M.A.G. STD. 201 TYPE "A"
- * ALL ELEVATIONS AND VARIOUS DISTANCES ARE PER PLAN



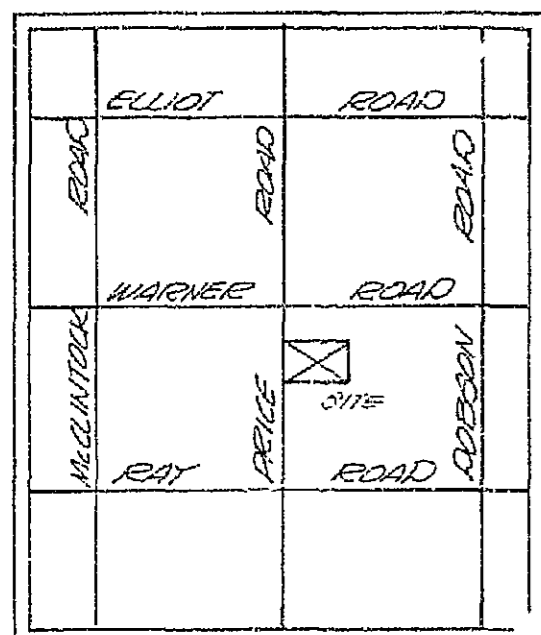
- LEGEND
- P_s FINISHED PAVEMENT ELEVATION
 - G_s FINISHED GUTTER ELEVATION
 - TC_s FINISHED TOP-OF-CURB ELEVATION
 - SN_s FINISHED SIDEWALK ELEVATION
 - FG FINISHED GROUND ELEVATION
 - F.F. MINIMUM FINISHED FLOOR ELEVATION
 - PAD MINIMUM PAD ELEVATION
 - HWM HIGH WATER MARK ELEVATION
 - PROVIDED RETENTION VOLUME
 - S_s SLOPE & DIRECTION OF FLOW
 - G.B. GRADE BREAK
 - DRWELL
 - CROSS SECTION
 - DEPRESSED CURB (CURB OPENING)
 - 12" PVC CONNECTING BOTTOM OF CURB (LENGTH AS PER CURB)
 - TRASH ENCLOSURE

NOTE:
DEPRESS LIPS OF ALL RETURNS (TYP)

AB : AS-BUILT

| | | | |
|---|-------------|--|----------|
| DATE | DESCRIPTION | DRAFTED | APPROVED |
| PLAN REVISIONS | | | |
| COVENTRY HOMES | | | |
| TERRACES AT TIBURON | | | |
| GRADING & DRAINAGE PLAN | | | |
| AMERICAN ENGINEERING CO. consulting engineers / surveyors | | | |
| 1228 LARSON BLVD. WAREHOUSES, WAREHOUSES, WAREHOUSES | | | |
| | | DRAFTING: [] MODIFICATION: [] DESIGN: [] MODIFICATION: [] CHECKED: [] MODIFICATION: [] DATE: 12/29/87 BY: PWH | |
| SCALE: 1" = 30' PLAN DATE: NOV 87 | | SHEET NUMBER: 3 OF 3 SHEETS | |
| PROJECT: 87070 MODIFIED PLAN DATE: DEC. 29, 87 | | | |

263-1100



LOCATION MAP

LEGAL DESCRIPTION

COMMENCING AT THE NW CORNER OF SECTION 19, T1S, R5E, G55880M, WHICH IS THE INTERSECTION OF HARMER ROAD AND PRICE ROAD; THENCE S00°23'47"W ALONG THE WEST LINE OF SAID SECTION 19, WHICH IS ALSO THE MONUMENT LINE OF PRICE ROAD, A DISTANCE OF 1296.24 FEET TO THE POINT OF BEGINNING; THENCE S09°36'13"E A DISTANCE OF 159.67 FEET TO A POINT OF CURVATURE OF A CURVE WHICH IS CONCAVE NORTHERLY WITH A RADIUS OF 1500.00 FEET; THENCE EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 15°28'11" A DISTANCE OF 405.00 FEET TO A POINT OF TANGENCY; THENCE N4°55'36"E A DISTANCE OF 340.54 FEET; THENCE S15°04'24"E A DISTANCE OF 25.00 FEET; THENCE S00°04'24"E A DISTANCE OF 21.21 FEET; THENCE S15°04'24"E A DISTANCE OF 200.00 FEET TO A POINT OF CURVATURE OF A CURVE WHICH IS CONCAVE EASTERLY WITH A RADIUS OF 1533.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 11°35'50" A DISTANCE OF 310.30 FEET TO A POINT OF TANGENCY; THENCE S26°40'14"E A DISTANCE OF 166.34 FEET; THENCE S62°23'29"W A DISTANCE OF 318.16 FEET; THENCE N22°55'57"W A DISTANCE OF 119.25 FEET; THENCE S06°40'56"W A DISTANCE OF 276.46 FEET; THENCE S72°34'12"W A DISTANCE OF 90.14 FEET; THENCE S62°59'45"W A DISTANCE OF 116.73 FEET; THENCE S43°51'56"W A DISTANCE OF 142.88 FEET; THENCE S27°41'29"W A DISTANCE OF 159.24 FEET; THENCE S06°41'11"W A DISTANCE OF 346.17 FEET TO A POINT ON THE WEST LINE OF SAID SECTION 19; THENCE M00°23'47"E ALONG THE WEST LINE OF SAID SECTION 19, WHICH IS ALSO THE MONUMENT LINE OF PRICE ROAD, A DISTANCE OF 993.76 FEET TO THE TRUE POINT OF BEGINNING.

BENCHMARKS:

SEC 12 T1S, R5E
CITY OF CHANDLER BRASS CAP IN CONCRETE
200' EAST OF PRICE ROAD & 100' NORTH OF
CALLE DEL NORTE ON FIREHOUSE CT. AT THE LEADING
POINT OF CURVE
ELEVATION = 1165.602 - CMCN #10

NOTE:

ALL GRADING WILL BE DONE IN ONE PHASE
PAVING AND BUILDING CONSTRUCTION WILL BE
DONE ACCORDING TO THE PHASES SHOWN.

COORDINATION WITH UTILITIES

| | |
|--------------------|----------|
| REIN VON KAMPEN | 2-DEC-87 |
| SALT RIVER PROJECT | DATE |
| MARY WIGGINS | 2-DEC-87 |
| MOUNTAIN BELL | DATE |

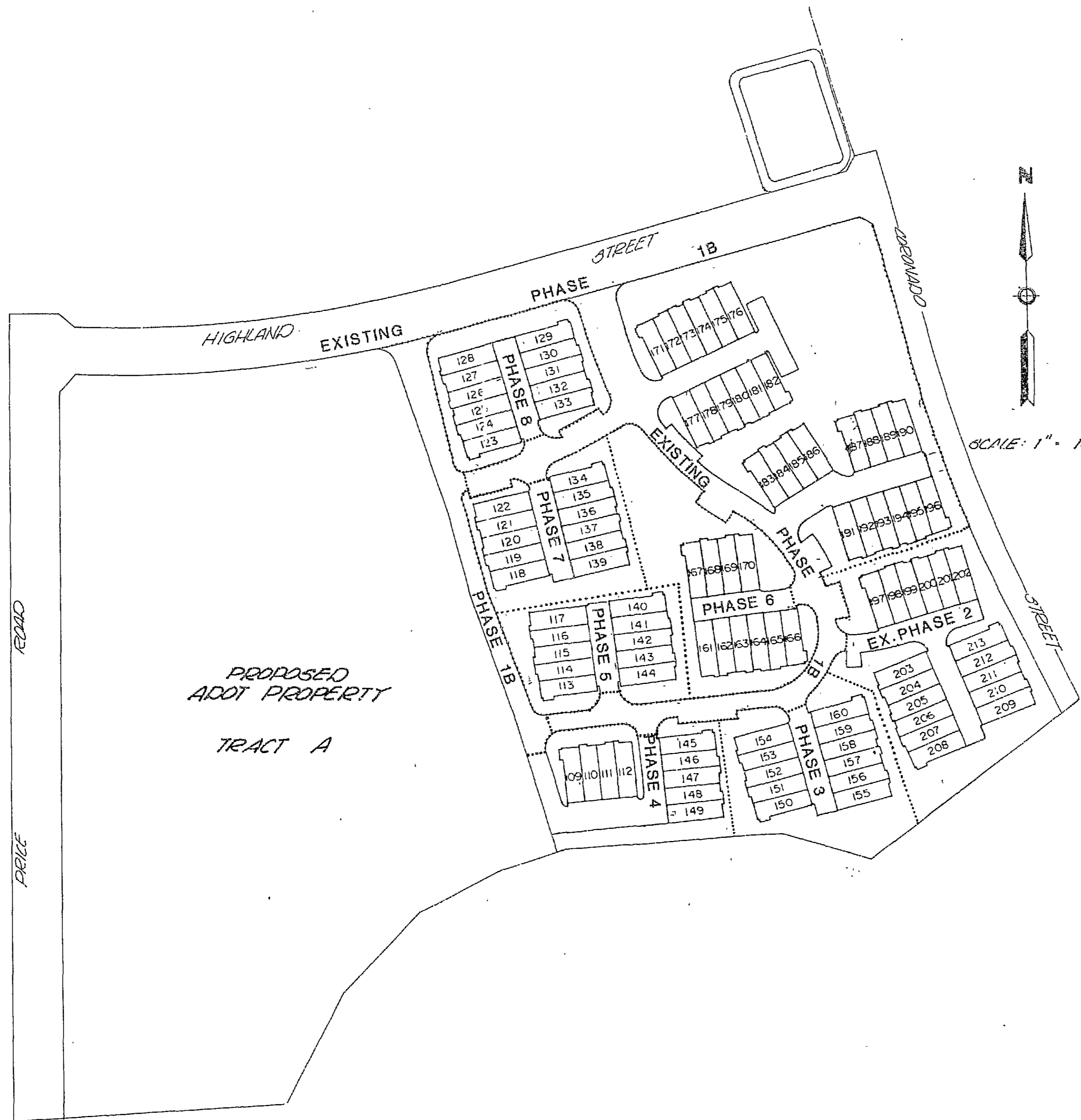
APPROVED FOR COMPLIANCE WITH CITY CODE:

J.W. Seely 2/11/88
CITY ENGINEER DATE

PUBLIC WORKS ENGINEER DATE

ESTIMATED QUANTITIES

| | | |
|------|----|---------------------------------|
| 1700 | SY | 2" A.C. on 6" A.B.C. |
| 150 | SF | VALLEY GUTTER |
| 2 | EA | CONCRETE APRON |
| 1034 | LF | 4" CURB & GUTTER |
| 91 | LF | SAWCUT LINE |
| 994 | SF | SIDEWALK |
| 160 | SF | DRIVEWAY |
| 70 | LF | 12" PVC |
| 180 | LF | CURB, GUTTER & SIDEWALK REMOVAL |
| 100 | SY | ASPHALT REMOVAL |
| 125 | LF | 12" PVC REMOVAL |



NOTE: ALL REQUIRED OFFSITE IMPROVEMENTS
ADJACENT TO THIS PROPERTY HAVE BEEN
COMPLETE.

THE CONTRACTOR SHALL MAKE NO CLAIM AGAINST THE OWNER OR THE ENGINEER
REGARDING ALLEGED INACCURACY OF CONSTRUCTION STAKES SET BY THE ENGINEER
UNLESS ALL SURVEY STAKES SET BY THE ENGINEER ARE MAINTAINED INTACT AND
CAN BE VERIFIED AS TO THEIR ORIGIN. IF, IN THE OPINION OF THE ENGINEER,
THE STAKES ARE NOT MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR
ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM OR IMPROPER
CONSTRUCTION WORK IN THIS DEVELOPMENT SHALL BE PERFORMED AT THE SOLE
EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.

CITY OF CHANDLER
GENERAL NOTES

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- ALL BACKFILLING SHALL BE TYPE 1 PER MAG SPECIFICATION 601.
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- I HEREBY CERTIFY THAT THE "AS-BUILT" INFORMATION AS SHOWN HEREON WAS MADE UNDER MY SUPERVISION, OR AS NOTED, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED PROFESSIONAL ENGINEER

DATE

CITY OF CHANDLER
PAVING NOTES

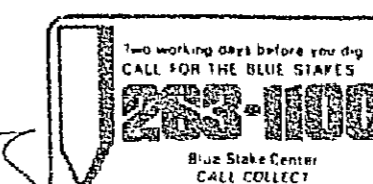
- LOCATION OF ALL VALVES MUST BE REFERENCED AT ALL TIMES BY THE CONTRACTOR DURING CONSTRUCTION.
- NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UNDERGROUND UTILITIES WITHIN THE ROADWAY ARE COMPLETED.
- BASE COURSE WILL NOT BE PLACED ON SUBGRADE UNTIL BASE REQUIREMENTS HAVE BEEN COMPLETED AND ACCEPTED BY THE CITY ENGINEER.
- GUTTERS WILL BE WATER TESTED IN THE PRESENCE OF THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE TO INSURE PROPER DRAINAGE, PRIOR TO FINAL APPROVAL.
- EXACT POINT OF MATCHING TERMINATION AND OVERLAY, IF NECESSARY, MAY BE DETERMINED IN PROGRESS BY THE CITY ENGINEER.
- NO JOB WILL BE CONSIDERED COMPLETE UNTIL ALL CURBS, PAVEMENT AND SIDEWALKS HAVE BEEN SHEPT CLEAN OF ALL DIRT AND DEBRIS.
- BLUE REFLECTIVE SPOTTERS SHALL BE INSTALLED ON STREET PAVEMENT AT FIRE HYDRANT LOCATIONS IN ACCORDANCE WITH CHANDLER DETAIL 101.
- STREET NAME SIGNS WILL BE INSTALLED BY THE CITY ON DEVELOPER INSTALLED POLES AT THE DEVELOPER'S EXPENSE. PAYMENT WILL BE COLLECTED AT THE TIME A PAVING PERMIT IS ISSUED.
- DECORATIVE CONCRETE, WHEN APPROVED BY THE CITY ENGINEER, SHALL BE CONSTRUCTED IN ACCORDANCE WITH MAG SPECIFICATION 340 (CLASS B) WITH A MINIMUM THICKNESS OF 8 INCHES. DECORATIVE SURFACE SHALL BE 5000 PSI BOMAHITE MIX (5 BAGG MINIMUM) AND IF NOT PLACED MONOLITHICALLY, SHALL BE PLACED WITHIN 4 HOURS OF THE BASE COURSE WITH A MINIMUM THICKNESS OF 1 1/2 INCHES AND FINISHED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- CERTIFIED SOIL TEST SHOWS PER CENT SHALL TESTED AT 2 TO 3 PER CENT BELOW OPTIMUM MOISTURE WITH 100 PSF SURCHARGE. MINIMUM DENSITY REQUIREMENTS FOR COMPACTION ON THIS SITE SHALL BE PER CENT.

CITY OF CHANDLER
GRADING NOTES

- A GRADING PERMIT IS REQUIRED.
- FINISH FLOOR ELEVATIONS SHOWN ARE A MINIMUM OF 14" ABOVE POINT OF OUTFALL. CANYON ELEVATION SHALL BE 4" BELOW FINISH FLOOR ELEVATION.
- DEVELOPER ENGINEER SHALL SUBMIT CERTIFICATION OF CONSTRUCTED FINISH PAD ELEVATIONS PRIOR TO CITY ACCEPTANCE OF PROJECT.
- STAKING FINISH FLOOR ELEVATION IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS ENGINEER.
- NO MINIMUM FINISH FLOOR ELEVATION SHALL BE ALTERED.
- DRYWELLS MUST BE DRILLED A MINIMUM OF 30 FEET INTO PERMEABLE POROUS STRATA. THE INSPECTOR MUST BE PRESENT BEFORE BACK-FILL OR WALLPIPE ARE PLACED WITHIN ANY DRYWELLS.
- A PERCOLATION TEST WILL BE REQUIRED OF THE COMPLETED DRYWELL PRIOR TO ACCEPTANCE. SHOULD EXISTING SOIL CONDITIONS BE ENCOUNTERED WHICH LACK SUFFICIENT PERCOLATION RATES, ADDITIONAL DRYWELLS OR AN ALTERNATE METHOD OF STORM WATER RUNOFF DISPOSAL WILL BE REQUIRED.
- CONTRACTOR SHALL PROVIDE GRADING FOR POSITIVE DRAINAGE IN ALL RETENTION BASINS AT ELEVATIONS AS SHOWN ON THE PLANS. RETENTION BASIN SIDE SLOPES SHALL NOT EXCEED 4:1 UNLESS NOTED OTHERWISE ON THE PLANS. BOTTOM OF BASIN SHALL BE GRADED TO DRAIN TOWARD DRY WELLS (WHEN USED).
- DRILLING LOGS FOR DRYWELLS WILL BE FURNISHED TO THE CITY INSPECTOR PRIOR TO FINAL ACCEPTANCE.
- DRYWELL CONSTRUCTION SHALL BE DONE ONLY BY CONTRACTORS LICENSED BY THE ARIZONA DEPARTMENT OF HEALTH SERVICES. APPLICATION FOR DRY WELL REGISTRATION WAS SUBMITTED TO ARIZONA DEPARTMENT OF HEALTH SERVICES ON (DATE).

CITY OF CHANDLER
STREET LIGHT NOTES

- INSTALLATION PER CITY OF CHANDLER STREET LIGHTING STANDARDS AND SPECIFICATIONS.
- THE SRP CONNECTION FEE OF \$150 PER LIGHT PLUS 6.5% TAX OF \$9.75 AND THE CITY INSPECTION FEE OF \$30 PER LIGHT SHALL BE PAID BY THE DEVELOPER TO THE CITY AT TIME OF ISSUANCE BY CITY TO DEVELOPER OF THE OFFSITE STREET LIGHT SYSTEM INSTALLATION PERMIT. NO APPROVED STREET LIGHT PLAN WITH STREET ADDRESSES ADDED TO IT WILL BE REQUIRED AT THE TIME APPLICATION IS MADE FOR THE STREET LIGHT PERMIT. IT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO ASSURE THAT ALL STREET LIGHTING IS FUNCTIONAL PRIOR TO ACCEPTANCE BY THE CITY OF CHANDLER. SRP CONNECTION IS ESTIMATED TO BE 90 DAYS AFTER SRP RECEIPT OF FEE AND CONNECTION REQUEST.
- SHIELDED OR CUT-OFF TYPE LAMPS SHALL BE USED FOR ALL STREET LIGHTING.
- THE CONSTRUCTION CONTRACTOR WILL COORDINATE HIS WORK WITH THE SRP LIGHTING DIVISION PRIOR TO THE START OF CONSTRUCTION.
- POLES WILL NOT BE SET UNTIL SRP CONDUCTOR IS IN PLACE.
- STREET LIGHT CONDUCTOR TRENCHES WILL NOT BE BACKFILLED UNTIL INSPECTED AND APPROVED BY OFFSITE INSPECTOR.
- LUMINAIRE MOUNTING HEIGHT WILL BE 30 FEET UNLESS NOTED.



NOT AS BUILTS
3-283 1-3 PG

AMERICAN ENGINEERING CO.
consulting engineers / surveyors
21442 NORTH 20TH AVENUE PHOENIX, ARIZONA 85027 (602) 277-3388



MANAGING PROJECT ENGINEER
LARON GARRETT P.E.

AZ. REG. NO.

PROJECT COORDINATION
LARON GARRETT

PLAN DESIGN
LARON GARRETT

OWNER/DEVELOPER

COVENTRY HOMES
3875 N. 24TH STREET
SUITE 201
PHOENIX, ARIZONA 85018
(602)-840-8300

PLAN TYPE
PAVING & GRADING

PROJECT NAME
THE TERRACES AT TIBURON

PLAN DATE
NOV 1987

LATEST REVISION
DEC. 29, 1987

SEAL
JOB NO.
87070

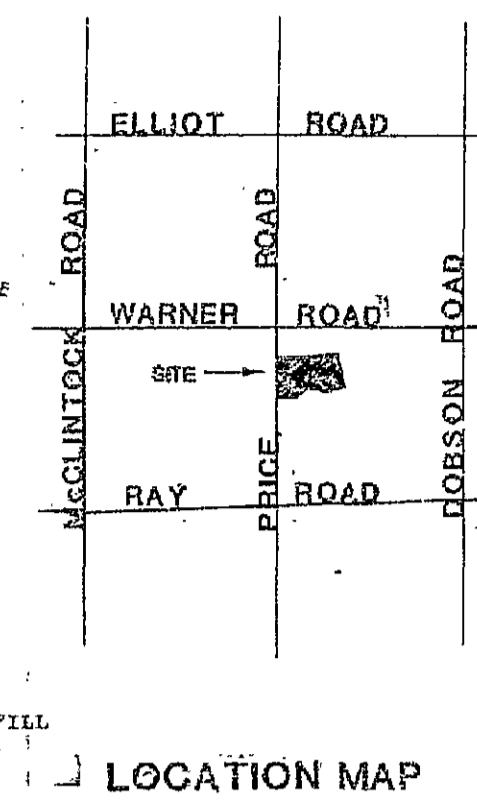
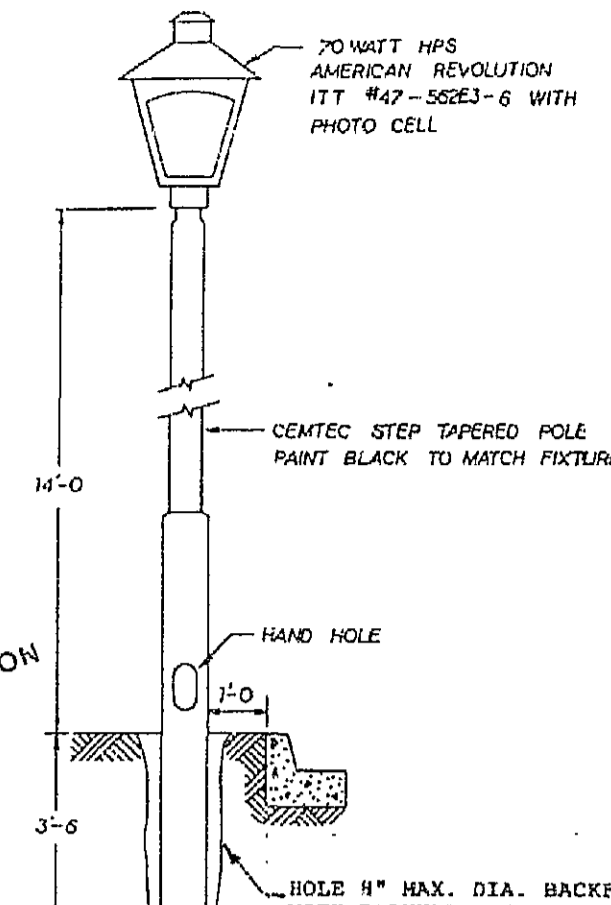
SHEET NO.
1
OF 3 SHEETS

THE TERRACES AT TIBURON

A SUBDIVISION OF PART OF THE N.W. 1/4 OF SECTION 19,
T15S, R5E, G & SRB & M, MARICOPA COUNTY, ARIZONA

AS BUILT DWGS.

* INDICATES DISTANCE POLES ARE CENTERED BEHIND BACK-OF-SIDE WALK
AS INSTALLED



LOCAL STREET LIGHT DETAIL

- NO SCALE
NOTE:
1. FIXTURE AND POLE TO BE INSTALLED BY S.R.P. PER S.R.P. SPECIFICATIONS.
2. OWNER SHALL CONTACT BOB HERRILL @ 236-8737 TO ARRANGE FOR INSTALLATION. FIXTURE AND POLE ARE PAINTED BLACK.

CITY OF CHANDLER
PUBLIC WORKS DEPARTMENT
Engineering Division

GENERAL NOTES

- All construction shall be in accordance with current MAG Specifications and Standard Details as modified by the City of Chandler.
- The contractor shall obtain all necessary permits prior to construction.
- The City Engineer's Office shall be notified 24 hours prior to starting each phase of construction (BDD-ST11).
- Any work performed without the approval of the City Engineer and/or all work and material not in conformance with the specifications is subject to removal and replacement at the contractor's expense.
- The contractor will uncover all existing lines being tied into to verify their location. The contractor will locate or have located all existing underground utilities (electric, telephone, pipelines, etc.) and structures in advance of construction and will eliminate all conflicts prior to start of construction. BDD STARR Telephone No. is 202-1100.
- The City of Chandler is not responsible for liability accrued due to delays and/or damages to utilities in conjunction with this construction. The City will not participate in the cost of construction or utility relocation.
- No final acceptance shall be issued until lines or meter reproducible "As-Built" Plans certified by the Engineer, have been submitted and accepted by the City Engineer. "As-Built" Plans shall be prepared in accordance with City of Chandler Public Works Dept. Policies, P-57 and P-58.
- Backfilling shall not be started until lines are approved by the City Engineer.
- All backfilling shall be Type I per MAG Specification 601.
- Disposition of and stockpiling of excess material within the Chandler City Limits or Planning Area will be done in such a way that will not create a nuisance. The piling of material on private property of another requires written authorization.
- Traffic control shall be maintained in accordance with the Chandler Traffic Barricade Manual.
- The contractor shall provide adequate means for cleaning trucks and/or other equipment of mud prior to entering public streets, and it is the contractor's responsibility to clean streets, alley dirt, and take whatever measures are necessary to insure that all roads are maintained in a clean, mud and dust free condition at all times.
- Applications for Street Cut Permits must be approved by the City Engineer prior to approval of Improvement Plans. All pavement replacement shall be in accordance with MAG Standard Detail 200, "T" Top Type; with full depth ABC backfill.
- Contract refuse service, if used, shall be with the City's refuse contractor.
- An approved set of plans shall be maintained on the jobsite at all times work is in progress. Deviation from the plans will not be allowed without an approved plan revision.
- I hereby certify that the "As-Built" information as shown hereon was made under my supervision, or as noted, and is correct to the best of my knowledge and belief.

Ronald M. Knight
Registered Professional Engineer
1-20-87
Date

LEGEND

- 250 WATT HPS STREET LIGHT WITH 35' MOUNTING HEIGHT SEE CITY OF CHANDLER STANDARD DETAIL SL-1. 5 REQUIRED
- 150 WATT HPS STREET LIGHT WITH 30' MOUNTING HEIGHT. SEE CITY OF CHANDLER STANDARD DETAIL SL-1. 6 REQUIRED
- EXISTING STREET LIGHT. SEE CITY OF CHANDLER STANDARD DETAILS SL-1.
- 70 WATT HPS PRIVATE STREET LIGHT 41 REQUIRED
- 100 WATT HPS STREET LIGHT WITH 30' MOUNTING HEIGHT SEE CITY OF CHANDLER DETAIL SL-1. 2 REQUIRED
- ⓐ 4 GANG METER CENTER
- ⓑ 5 GANG METER CENTER
- ⓒ 6 GANG METER CENTER
- ⓓ 5 GANG METER CENTER W/ 4 BUILDING METERS AND ONE HOUSE METER
- ⓔ 6 GANG METER CENTER W/ 5 BUILDING METERS AND ONE HOUSE METER
- ⓕ METER AND INTERIOR WALL MOUNTED PANEL
- ⓖ COMBINATION METER/LOADCENTER
- ⓗ SRP TRANSFORMER

NOTES FOR PUBLIC STREET LIGHTS

- INSTALLATION PER CITY OF CHANDLER STREET LIGHTING STANDARDS AND SPECIFICATIONS.
- THE SRP CONNECTION FEE OF \$150 PER LIGHT AND THE CITY INSPECTION FEE OF \$20 PER LIGHT SHALL BE PAID BY THE DEVELOPER TO THE CITY AT TIME OF ISSUANCE BY CITY TO DEVELOPER OF THE OFFSITE STREET LIGHT SYSTEM INSTALLATION PERMIT. AN APPROVED STREET LIGHT PLAN WITH STREET ADDRESSES ADDED TO IT WILL BE REQUIRED AT THE TIME APPLICATION IS MADE FOR THE STREET LIGHT PERMIT. IT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO ASSURE THAT ALL STREET LIGHTING IS FUNCTIONAL PRIOR TO ACCEPTANCE BY THE CITY OF CHANDLER. SRP CONNECTION IS ESTIMATED TO BE 90 DAYS AFTER SRP RECEIPT OF FEE AND CONNECTION REQUEST.
- SHIELDED OR CUT-OFF TYPE LAMPS SHALL BE USED FOR ALL STREET LIGHTING.
- THE CONSTRUCTION CONTRACTOR WILL COORDINATE HIS WORK WITH THE SRP LIGHTING DIVISION PRIOR TO THE START OF CONSTRUCTION. NO STREET LIGHT POLES WILL BE SET PRIOR TO INSTALLATION OF ALL UNDERGROUND ELECTRICAL WIRING.
- STREET LIGHT CONDUCTOR TRENCHES WILL NOT BE BACKFILLED UNTIL INSPECTED AND APPROVED BY OFFSITE INSPECTOR.
- LUMINAIRE MOUNTING HEIGHT WILL BE 30 FEET UNLESS NOTED.

OWNER
COVENTRY HOMES
3875 N. 44TH ST., STE. 201
PHOENIX, ARIZ. 85018
PHONE: 840-8300

ENGINEER
WRIGHT ENGINEERING CORP.
644 E. SOUTHERN STE. 203
MESA, ARIZ. 85204
PHONE: 969-1979

APPROVALS

APPROVED FOR COMPLIANCE WITH CITY CODE:

AEOP/LL
CITY ENGINEER
DATE: 5/13/86

ew leddy
PUBLIC WORKS ENGINEER
DATE: 5/12/86

WRIGHT ENGINEERING CORPORATION
ELECTRICAL ENGINEERING AND DESIGN
P.O. Box 17331 • Mesa, AZ 85212

TERRACES AT TIBURON

STREET LIGHT PLAN

| | | |
|---------------|----------------|------------------|
| DRAWN BY CDR | CHECKED BY RSW | SHEET 1 OF 8 |
| DATE 1-29-86 | DATE 1-29-86 | |
| JOB NO. 86016 | REV. | DRAWING NO. SL-1 |

3-383 1-1 SL AS

NOTE
ALL SEWER & WATER TAPS BEYOND WHAT IS SHOWN IN THIS PLAN ARE PRIVATE

CURVE DATA

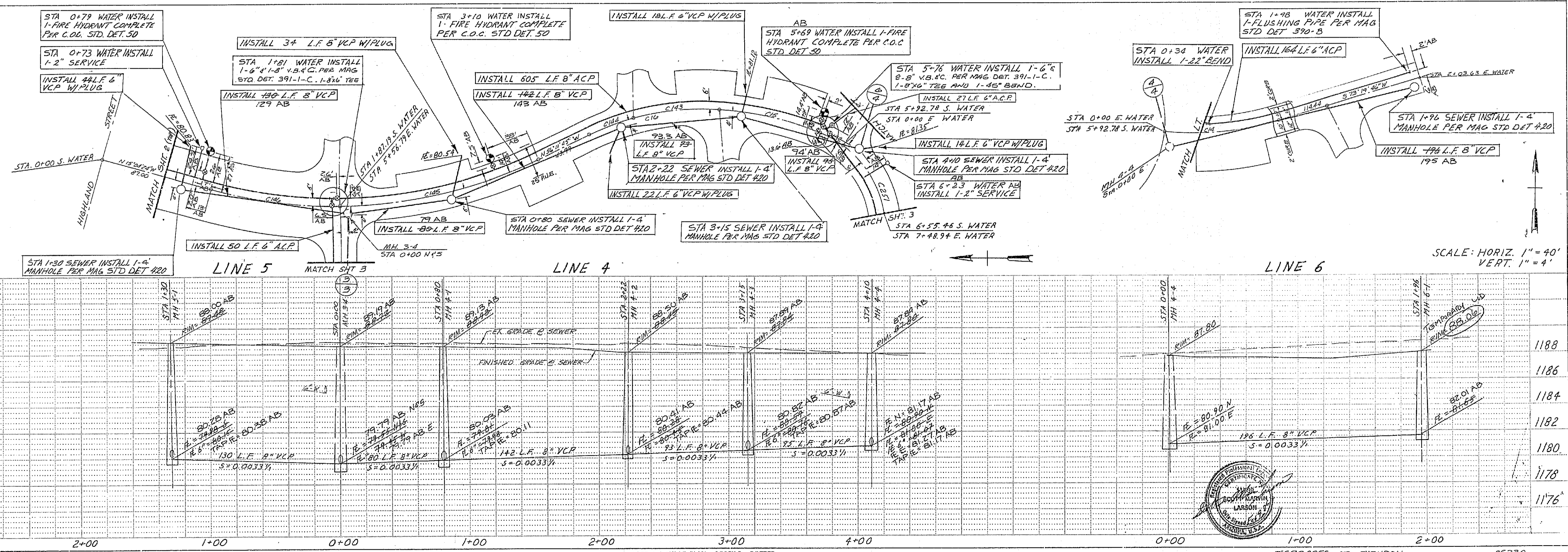
| NO. | RADIUS | DELTA | ARC | TANGENT |
|------|--------|-----------|--------|---------|
| C14 | 225.43 | 22°40'07" | 89.19 | 45.19 |
| C15 | 250.00 | 18°24'50" | 80.35 | 40.52 |
| C16 | 200.00 | 29°34'40" | 103.25 | 52.80 |
| C143 | 200.00 | 19°15'03" | 67.20 | 33.92 |
| C144 | 200.00 | 10°19'37" | 36.05 | 18.07 |
| C145 | 359.98 | 25°10'35" | 158.18 | 80.39 |
| C146 | 359.98 | 15°56'47" | 100.19 | 50.42 |
| C152 | 80.00 | 14°12'08" | 19.83 | 9.97 |
| C251 | 80.00 | 44°53'43" | 62.69 | 33.05 |

PLAN

| | |
|--------------------|------|
| SURVEYED | DATE |
| PLOTTED | |
| CHECKED | |
| NO. OF WAY CHECKED | |

PROFILE

| | |
|--------------------|------|
| SURVEYED | DATE |
| PLOTTED | |
| CHECKED | |
| NO. OF WAY CHECKED | |



SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

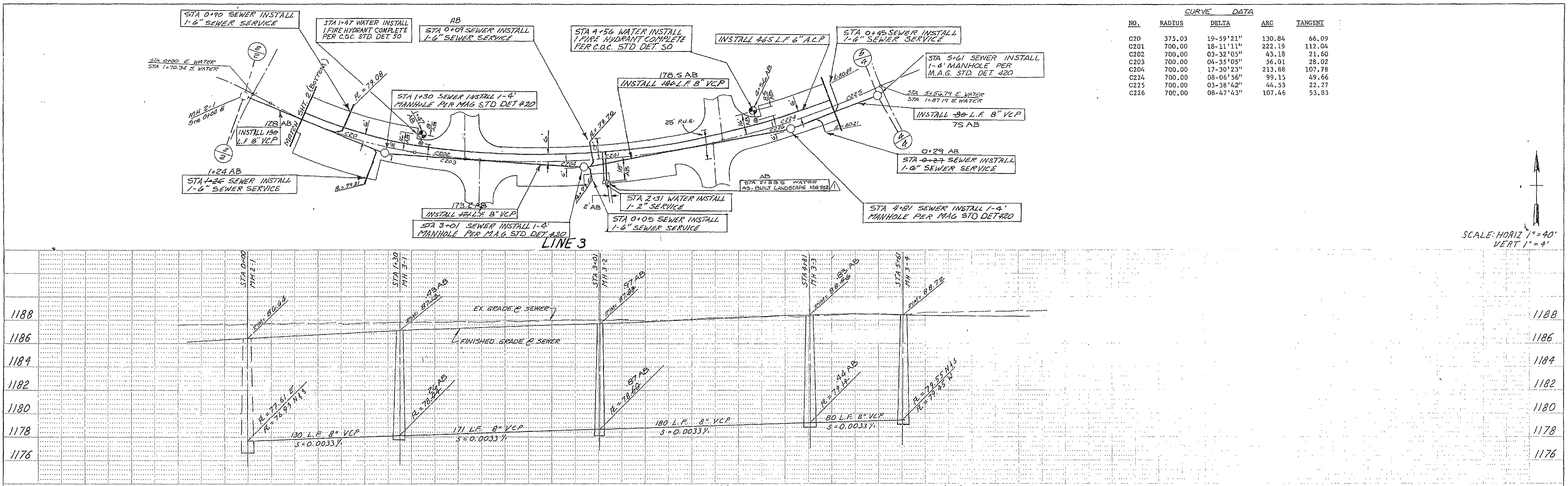
3-303 4-4 WS AB

DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 NOTE BOOK NO. _____
 PART OF WAY CHECKED: _____

DATE: _____ BY: _____
 SURVEYED: _____
 ALIGNED: _____
 CHECKED: _____
 NOTE BOOK NO. _____
 STRUCTURE NOTATIONS DRAWN: _____

| CURVE DATA | | | | |
|------------|--------|-----------|--------|---------|
| NO. | RADIUS | DELTA | ARC | TANGENT |
| C20 | 375.03 | 19-59'21" | 130.84 | 66.09 |
| C201 | 700.00 | 18-11'11" | 222.19 | 112.04 |
| C202 | 700.00 | 03-32'05" | 43.18 | 21.60 |
| C203 | 700.00 | 04-35'05" | 56.01 | 28.02 |
| C204 | 700.00 | 17-30'23" | 213.88 | 107.78 |
| C224 | 700.00 | 08-06'56" | 99.15 | 49.66 |
| C225 | 700.00 | 03-38'42" | 44.53 | 22.27 |
| C226 | 700.00 | 08-47'43" | 107.46 | 53.83 |

SCALE: HORIZ 1" = 40'
 VERT 1" = 4'



| CURVE DATA | | | | |
|------------|---------|-----------|--------|---------|
| NO. | RADIUS | DELTA | ARC | TANGENT |
| C8 | 55.00 | 64-15'29" | 61.68 | 34.54 |
| C10 | 600.00 | 13-50'42" | 144.99 | 72.85 |
| C21 | 600.00 | 13-22'42" | 140.10 | 70.37 |
| C138 | 1329.92 | 08-13'36" | 190.95 | 95.64 |
| C139 | 1329.92 | 05-19'26" | 123.57 | 61.83 |
| C140 | 1329.92 | 00-38'56" | 15.05 | 7.52 |
| C141 | 1329.92 | 08-31'49" | 198.00 | 99.18 |
| C142 | 1329.92 | 04-22'19" | 101.48 | 50.77 |
| C150 | 80.00 | 20-02'29" | 27.98 | 14.14 |
| C250 | 80.00 | 14-03'56" | 19.64 | 9.87 |

NOTE
 1- ALL SEWER SERVICES ARE STATIONED FROM NEAREST DOWNSTREAM M.H.
 2- ALL SEWER & WATER TAPS BEYOND WHAT IS SHOWN IN THIS PLAN ARE PRIVATE

SCALE: HORIZ 1" = 40'
 VERT 1" = 4'

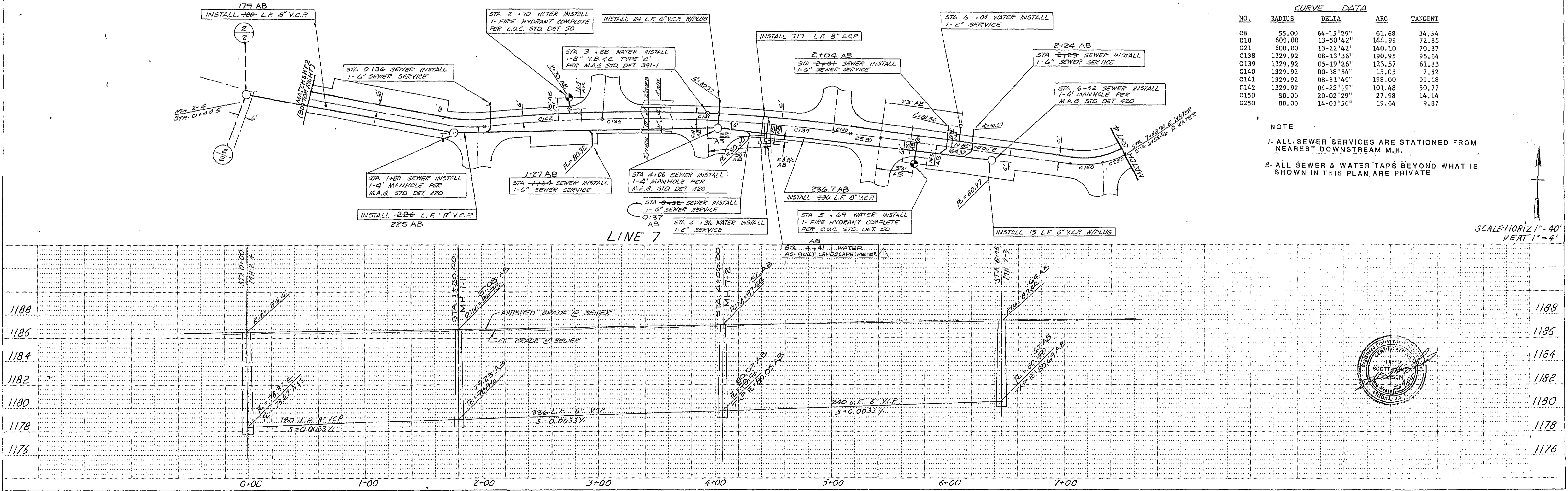
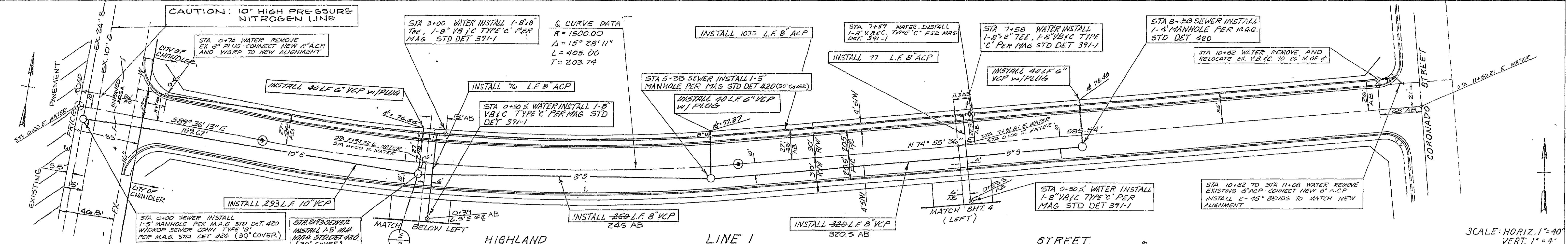


PLATE 2 DOUBLE PLAN - PROFILE - DOTTED
 CHARLES BRUNING COMPANY
 MADE IN U.S.A.

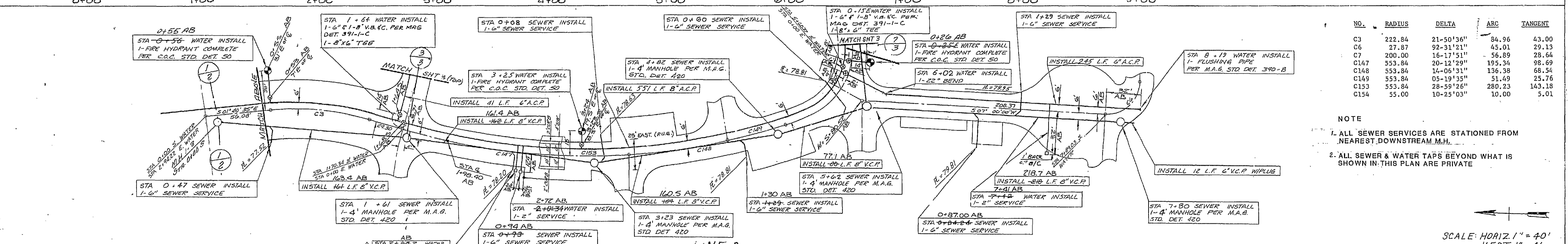
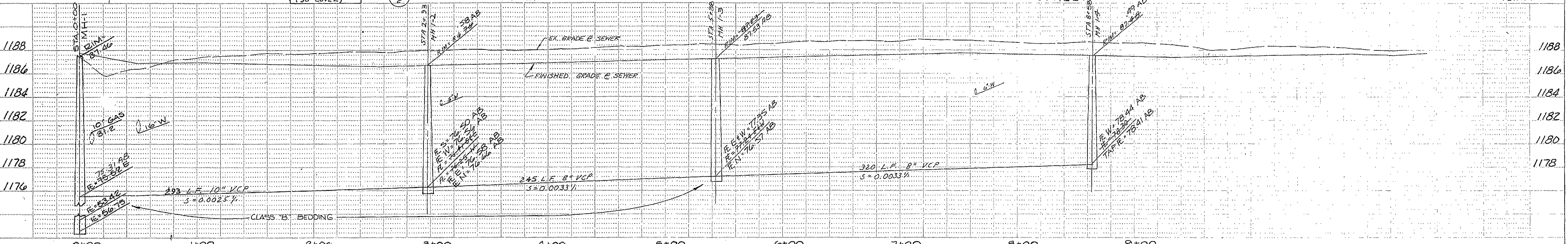
TERRACES AT TIBURON
 WATER & SEWER PLAN
 85330
 SHEET 3 OF 4

3-383 3-4 WS AB

CAUTION: 10" HIGH PRESSURE NITROGEN LINE



SCALE: HORIZ. 1" = 40' VERT. 1" = 4'



| NO. | RADIUS | DELTA | ARC | TANGENT |
|------|--------|-----------|--------|---------|
| C3 | 222.84 | 21-50'36" | 84.96 | 43.00 |
| C6 | 27.87 | 92-31'21" | 45.01 | 29.13 |
| C7 | 200.00 | 16-17'51" | 56.89 | 28.64 |
| C17 | 553.84 | 20-12'29" | 195.34 | 98.69 |
| C18 | 553.84 | 14-06'31" | 136.38 | 68.54 |
| C19 | 553.84 | 05-19'35" | 51.49 | 25.76 |
| C153 | 553.84 | 28-59'26" | 280.23 | 143.18 |
| C154 | 55.00 | 10-25'03" | 10.00 | 5.01 |

NOTE
 1. ALL SEWER SERVICES ARE STATIONED TO NEAREST DOWNSTREAM M.H.
 2. ALL SEWER & WATER TAPS BEYOND WHAT IS SHOWN IN THIS PLAN ARE PRIVATE

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'

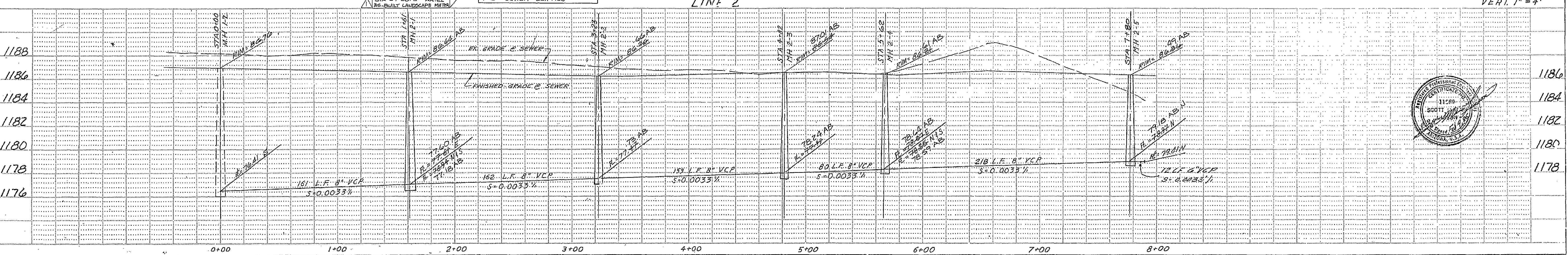


PLATE 2 DOUBLE PLAN - PROFILE - DOTTED CHARLES BRUNING COMPANY MADE IN U.S.A.

TERRACES AT TIBURON WATER & SEWER PLAN 85330 SHT 2 OF 4

3-383 2-4 WS AB

DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____

DATE: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NO. OF WAY CHECKED: _____

