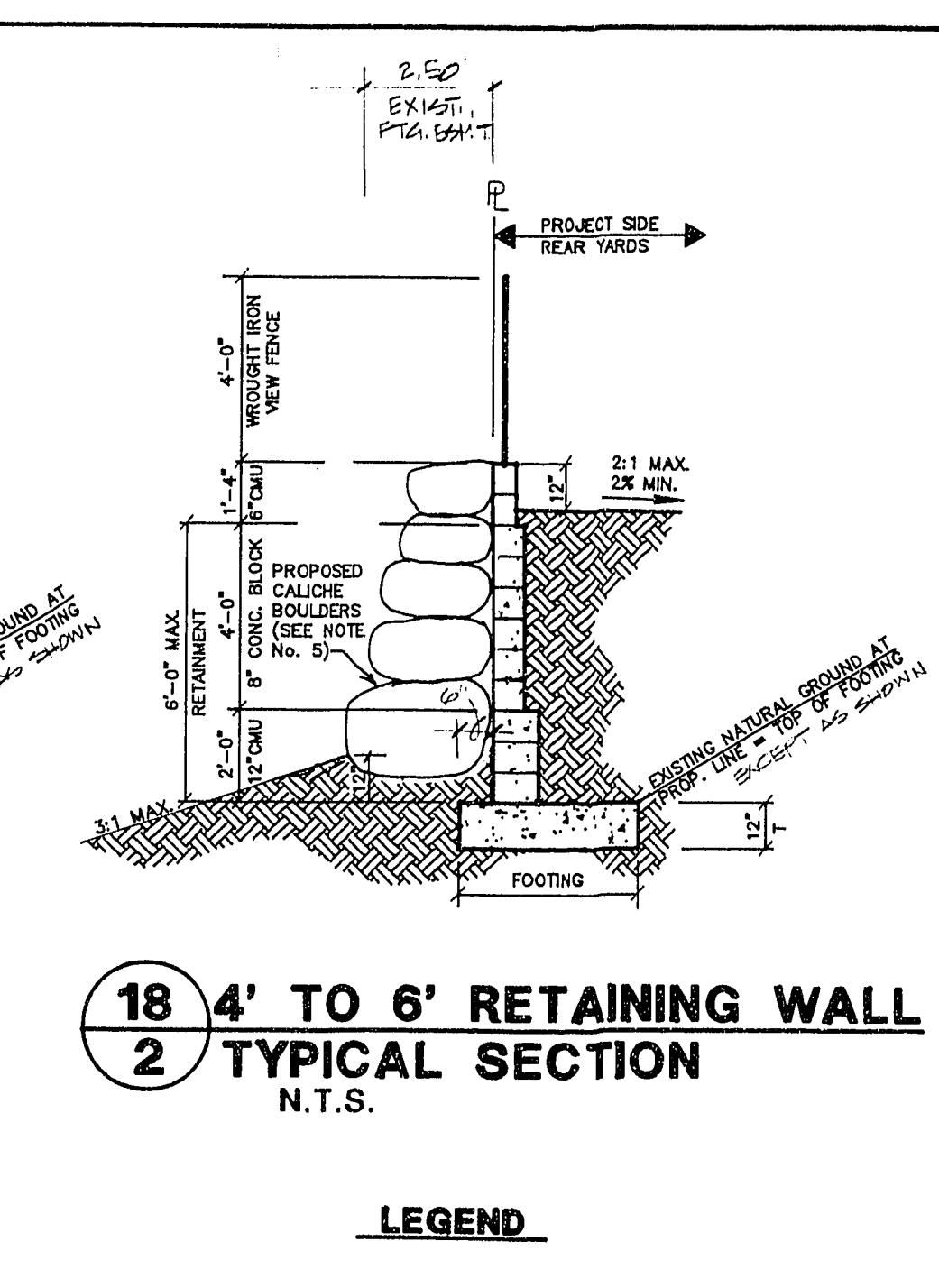
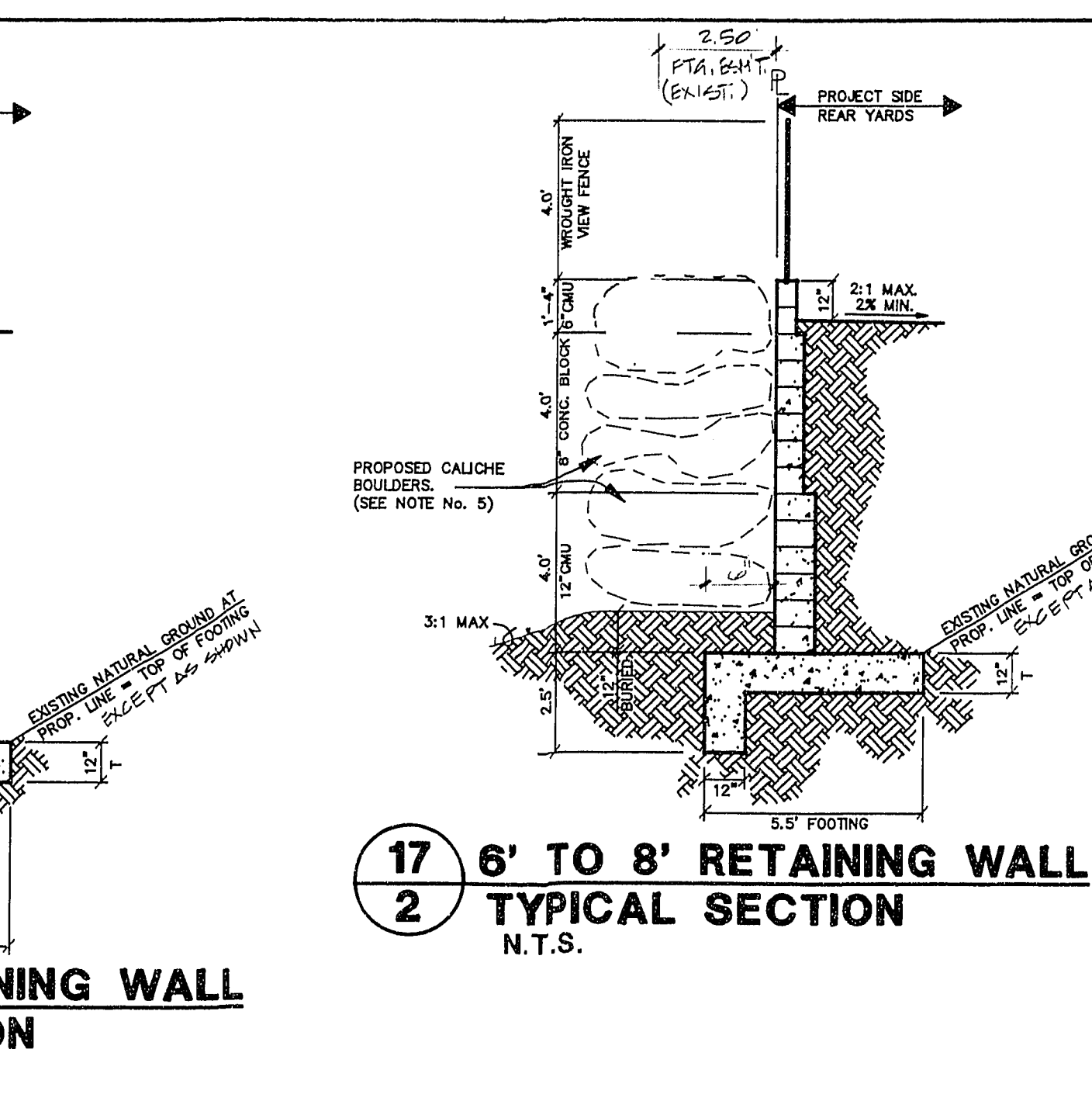
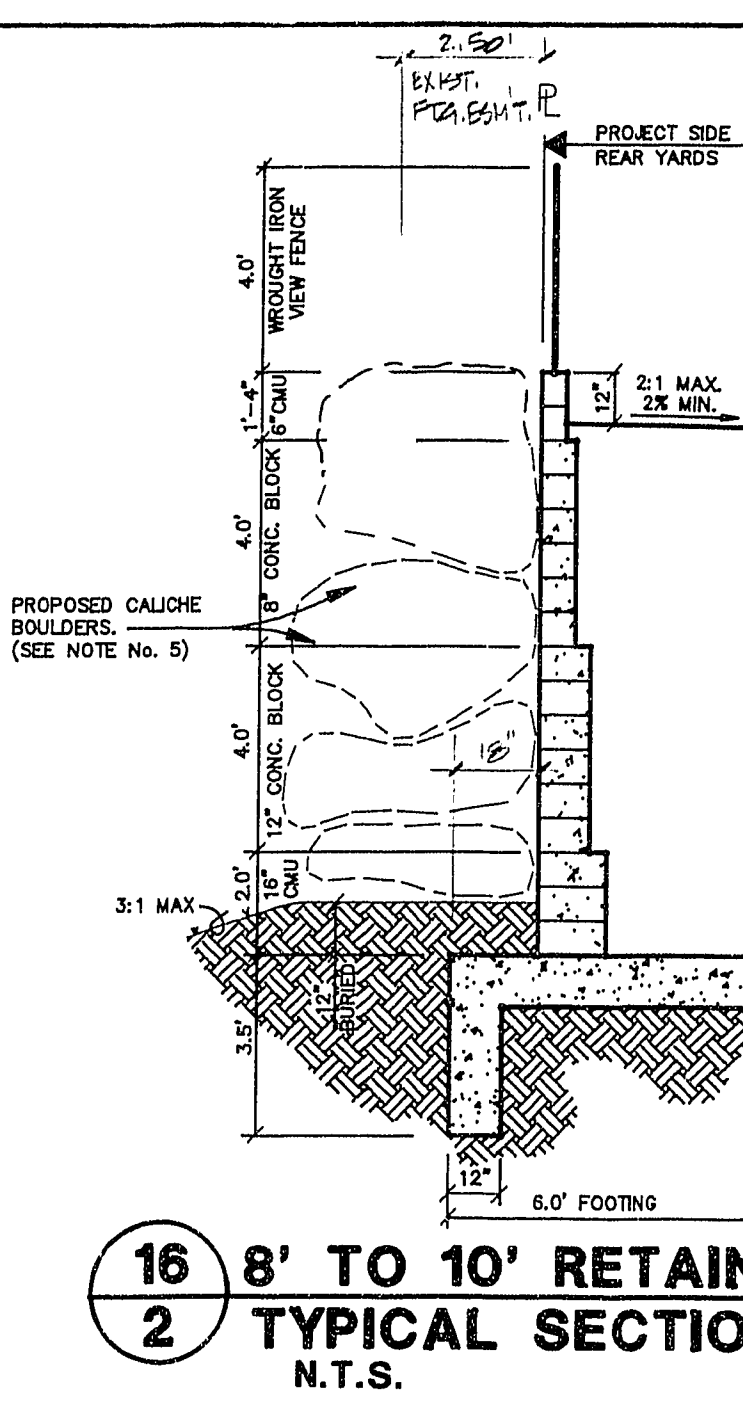


| LINE | DIRECTION | DISTANCE |
|------|---------------|----------|
| L1 | S 201°10' W | 48.25' |
| L2 | N 75°56'27" W | 27.76' |
| L3 | N 75°56'27" W | 24.98' |
| L4 | N 75°56'27" W | 24.56' |
| L5 | S 62°22'00" W | 33.47' |
| L6 | N 34°26'17" W | 13.72' |
| L7 | N 86°17'45" W | 22.63' |
| L8 | N 6°57'53" E | 17.93' |
| L9 | N 351°03' E | 1.1667' |
| L10 | N 62°00'00" W | 14.60' |
| L11 | S 43°37'42" E | 27.99' |
| L12 | S 60°55'42" W | 20.00' |
| L13 | S 89°03'03" E | 25.00' |
| L14 | N 54°14'35" E | 25.00' |
| L15 | N 81°46'08" E | 20.00' |
| L16 | N 82°48'00" E | 20.00' |
| L17 | N 85°50'34" E | 20.00' |
| L18 | N 47°12'28" E | 20.00' |
| L19 | S 73°25'25" E | 20.00' |
| L20 | N 61°32'22" E | 20.00' |
| L21 | S 87°04'06" E | 20.00' |
| L22 | N 52°37'54" E | 20.00' |
| L23 | S 80°36'01" W | 15.00' |
| L24 | S 37°29'58" W | 20.00' |
| L25 | S 85°36'47" E | 22.00' |
| L26 | N 45°27'07" E | 22.00' |
| L27 | S 46°49'16" E | 18.00' |
| L28 | S 37°29'58" W | 18.00' |
| L29 | S 61°24'16" E | 22.00' |
| L30 | N 37°25'26" E | 20.00' |
| L31 | S 76°52'01" E | 20.00' |
| L32 | S 52°31'18" W | 25.00' |
| L33 | S 76°53'31" E | 20.00' |
| L34 | S 64°26'16" E | 20.00' |
| L35 | N 35°27'03" E | 20.00' |
| L36 | N 75°47'15" E | 20.00' |
| L37 | S 41°04'33" W | 20.00' |
| L38 | N 72°50'49" E | 20.00' |
| L39 | S 30°04'21" W | 20.00' |
| L40 | N 64°46'08" E | 18.00' |
| L41 | S 29°02'08" W | 25.00' |
| L42 | N 74°26'01" E | 15.00' |
| L43 | S 201°14' W | 30.00' |
| L44 | N 53°34'44" E | 23.01' |
| L45 | S 32°01'29" W | 18.00' |
| L46 | N 77°04'26" E | 25.00' |
| L47 | S 181°70' W | 28.00' |
| L48 | N 52°43'05" E | 18.00' |
| L49 | S 05°40'02" E | 29.58' |
| L50 | N 67°20'01" E | 24.00' |
| L51 | S 06°16'10" W | 24.00' |
| L52 | N 28°30'00" E | 11.7' |
| L53 | S 42°04'41" E | 1.1667' |
| L54 | S 37°23'27" E | 17.39' |

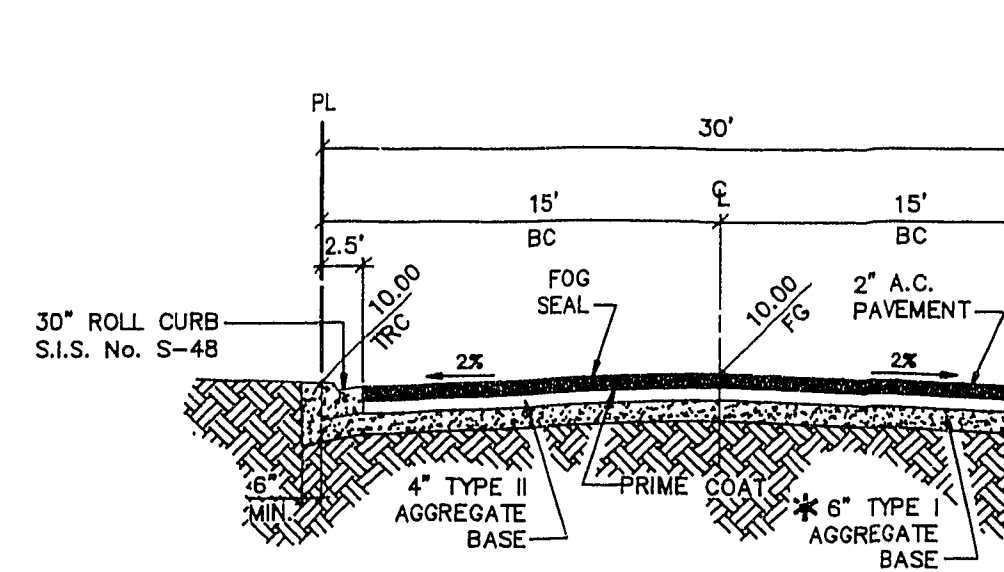
| CURVE | RADIUS | LENGTH | TANGENT | DELTA |
|-------|---------|---------|---------|------------|
| C1 | 40.50' | 20.43' | 10.44' | 28°53'49" |
| C2 | 126.00' | 59.57' | 30.35' | 27°05'11" |
| C3 | 40.50' | 114.82' | 282.17' | 162°28'12" |
| C4 | 19.50' | 16.56' | 8.82' | 48°39'07" |
| C5 | 19.50' | 21.45' | 11.95' | 63°01'15" |
| C6 | 215.00' | 71.57' | 36.12' | 19°04'26" |
| C7 | 200.00' | 112.01' | 57.52' | 32°05'22" |
| C8 | 185.00' | 53.34' | 26.96' | 16°34'58" |
| C9 | 100.00' | 147.37' | 80.73' | 84°26'11" |
| C10 | 85.00' | 125.26' | 77.12' | 84°26'11" |
| C11 | 70.00' | 103.18' | 63.51' | 84°26'11" |
| C12 | 20.00' | 28.86' | 17.60' | 82°41'16" |
| C13 | 20.00' | 29.98' | 18.61' | 85°22'28" |
| C14 | 255.00' | 184.65' | 96.58' | 41°29'18" |
| C15 | 240.00' | 221.70' | 119.47' | 32°05'22" |
| C16 | 225.00' | 207.64' | 112.00' | 52°55'34" |
| C17 | 360.00' | 85.37' | 42.89' | 13°35'16" |
| C18 | 50.00' | 66.18' | 38.95' | 75°49'58" |
| C19 | 375.00' | 189.58' | 103.58' | 28°57'59" |
| C20 | 390.00' | 197.17' | 100.74' | 28°57'59" |
| C21 | 315.00' | 41.55' | 20.81' | 07°33'30" |
| C22 | 20.00' | 31.95' | 20.55' | 91°32'35" |
| C23 | 20.00' | 33.52' | 22.22' | 96°00'55" |
| C24 | 110.00' | 169.83' | 107.08' | 88°27'26" |
| C25 | 125.00' | 192.98' | 121.88' | 88°27'26" |
| C26 | 300.00' | 39.58' | 19.82' | 07°33'30" |
| C27 | 300.00' | 31.50' | 15.76' | 08°00'55" |
| C28 | 300.00' | 18.00' | 4.04' | 01°32'35" |
| C29 | 50.00' | 55.81' | 31.21' | 63°57'01" |
| C30 | 25.00' | 10.46' | 5.31' | 23°58'57" |
| C31 | 285.00' | 52.25' | 26.22' | 10°30'40" |
| C32 | 300.00' | 145.72' | 77.60' | 10°30'40" |
| C33 | 315.00' | 57.79' | 28.98' | 10°30'40" |
| C34 | 315.00' | 187.35' | 112.31' | 79°30'51" |
| C35 | 120.00' | 166.53' | 99.83' | 79°30'51" |
| C36 | 105.00' | 145.72' | 87.95' | 79°30'51" |
| C37 | 105.00' | 27.60' | 14.07' | 14°07'24" |
| C38 | 268.00' | 66.06' | 33.20' | 14°07'24" |
| C39 | 283.00' | 69.76' | 35.06' | 14°07'24" |
| C40 | 298.00' | 73.46' | 36.92' | 14°07'24" |
| C41 | 70.00' | 148.92' | 125.00' | 121°53'21" |
| C42 | 85.00' | 180.83' | 152.99' | 121°53'21" |
| C43 | 85.00' | 108.19' | 62.81' | 72°55'28" |
| C44 | 85.00' | 72.64' | 38.71' | 48°57'53" |

| CURVE | RADIUS | LENGTH | TANGENT | DELTA |
|-------|----------|----------|----------|------------|
| C45 | 100.00' | 44.71' | 22.74' | 25°37'02" |
| C46 | 20.00' | 27.99' | 16.84' | 80°11'48" |
| C47 | 30.00' | 65.97' | 58.16' | 125°25'42" |
| C48 | 25.00' | 18.19' | 9.52' | 41°41'33" |
| C49 | 35.00' | 25.47' | 13.33' | 41°41'33" |
| C50 | 19.50' | 24.64' | 14.27' | 72°23'05" |
| C51 | 44.50' | 142.30' | 158.19' | 183°13'23" |
| C52 | 20.00' | 43.62' | 38.39' | 124°57'55" |
| C53 | 5.00' | 8.21' | 5.37' | 94°05'46" |
| C54 | 100.00' | 28.60' | 14.40' | 16°23'03" |
| C55 | 5.00' | 8.21' | 5.37' | 94°05'46" |
| C56 | 20.00' | 65.69' | 278.28' | 188°11'32" |
| C57 | 127.00' | 75.01' | 38.63' | 33°50'23" |
| C58 | 100.00' | 82.17' | 43.57' | 47°04'51" |
| C59 | 44.50' | 33.22' | 17.43' | 42°48'20" |
| C60 | 6.00' | 18.85' | --- | 180°00'00" |
| C61 | 94.00' | 13.16' | 6.59' | 08°01'15" |
| C62 | 6.00' | 18.85' | --- | 180°00'00" |
| C63 | 100.00' | 14.84' | 7.43' | 08°01'15" |
| C64 | 6.00' | 18.85' | --- | 180°00'00" |
| C65 | 100.00' | 5.15' | 2.58' | 02°57'01" |
| C66 | 30.00' | 43.83' | 26.87' | 83°42'14" |
| C67 | 44.50' | 33.22' | 17.43' | 42°48'20" |
| C68 | 20.00' | 13.57' | 7.06' | 36°51'57" |
| C69 | 20.00' | 30.05' | 18.68' | 86°05'58" |
| C70 | 30.00' | 2.18' | 1.09' | 04°09'53" |
| C71 | 30.00' | 41.65' | 24.87' | 79°32'21" |
| C72 | 44.50' | 14.69' | 7.41' | 18°54'37" |
| C73 | 44.50' | 10.40' | 5.23' | 13°23'40" |
| C74 | 19.50' | 18.16' | 9.80' | 53°22'22" |
| C75 | 19.50' | 21.10' | 11.72' | 52°00'35" |
| C76 | 360.00' | 274.27' | 144.18' | 43°39'06" |
| C77 | 345.00' | 208.46' | 107.52' | 34°37'12" |
| C78 | 375.00' | 232.01' | 119.86' | 35°26'57" |
| C79 | 30.8333' | 41.5965' | 24.6564' | 77°17'47" |
| C80 | 2.00' | 3.14' | 21.57' | 88°02'47" |
| C81 | 30.00' | 24.59' | 13.03' | 46°57'28" |
| C82 | 94.00' | 16.84' | 7.94' | 08°01'15" |
| C83 | 106.00' | 17.86' | 8.95' | 09°59'20" |
| C84 | 100.00' | 26.00' | 13.07' | 08°01'15" |
| C85 | 100.00' | 28.85' | 14.53' | 16°31'56" |
| C86 | 100.00' | 13.00' | 6.51' | 07°27'00" |
| C87 | 30.00' | 41.09' | 24.50' | 78°28'15" |
| C88 | 121.19' | 104.84' | 55.59' | 47°16'40" |

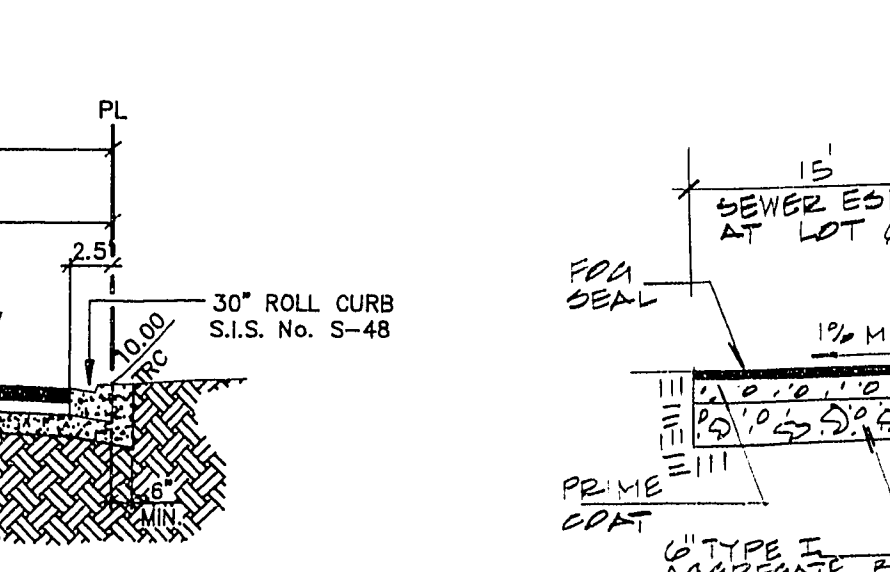


- LEGEND**
- 27 LOT NUMBER
 - 4 BLOCK NUMBER
 - 2.000 CONTOUR LINE (1' INTERVAL)
 - FG FINISH GRADE
 - FL FLOW LINE
 - TC TOP OF CURB
 - TRC TOP OF ROLL CURB
 - BC BACK OF CURB
 - BCR BEGIN CURB RETURN
 - EX EXISTING
 - VG VALLEY GUTTER
 - SCARP AREA
 - CONCRETE BLOCK WALL
 - NG NATURAL GROUND
 - TF TOP OF FOOTING
 - VIEW FENCE
 - RETAINING WALL
 - GB GRADE BREAK
 - 42.1 PAD GRADE
 - PC POINT OF CURVATURE
 - PT POINT OF TANGENCY
 - PRC POINT OF REVERSE CURVATURE
 - PCC POINT OF COMPOUND CURVATURE
 - 0.5% DIRECTION AND RATE OF SLOPE
 - BVC BEGIN VERTICAL CURVE
 - MVC MID-POINT OF VERTICAL CURVE
 - EVC END VERTICAL CURVE
 - PRVC POINT OF REVERSE VERTICAL CURVE
 - EXISTING WALL
 - RETAINMENT SYMBOL

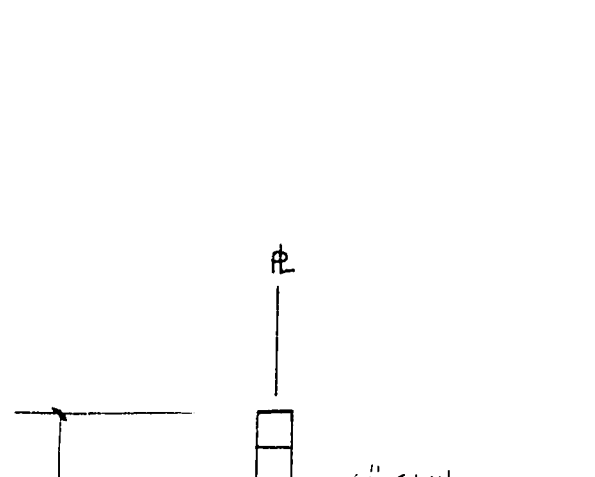
19 1' TO 4' RETAINING WALL TYPICAL SECTION N.T.S.



20 STANDARD VIEW FENCE TYPICAL SECTION N.T.S.



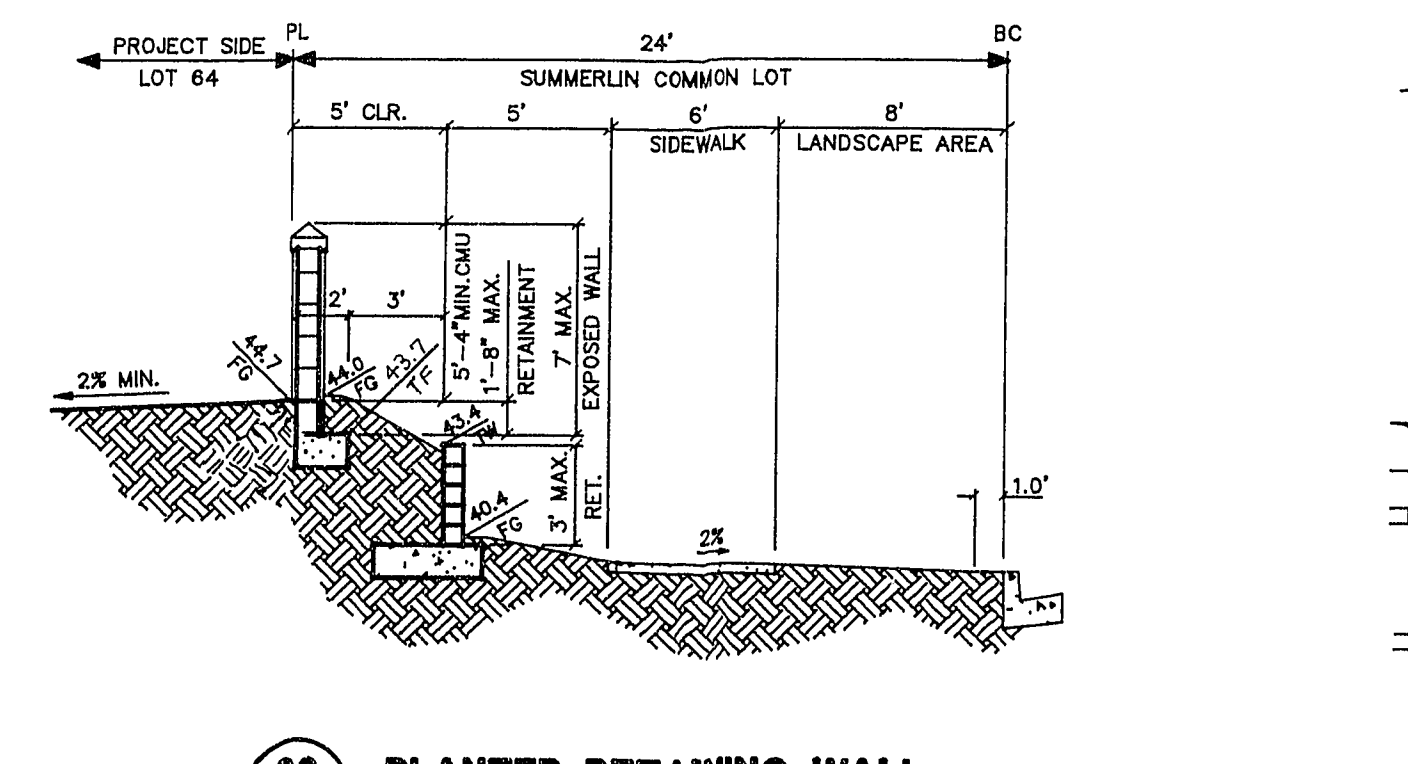
22 DRAINAGE EASEMENT OUTLET DETAIL N.T.S.



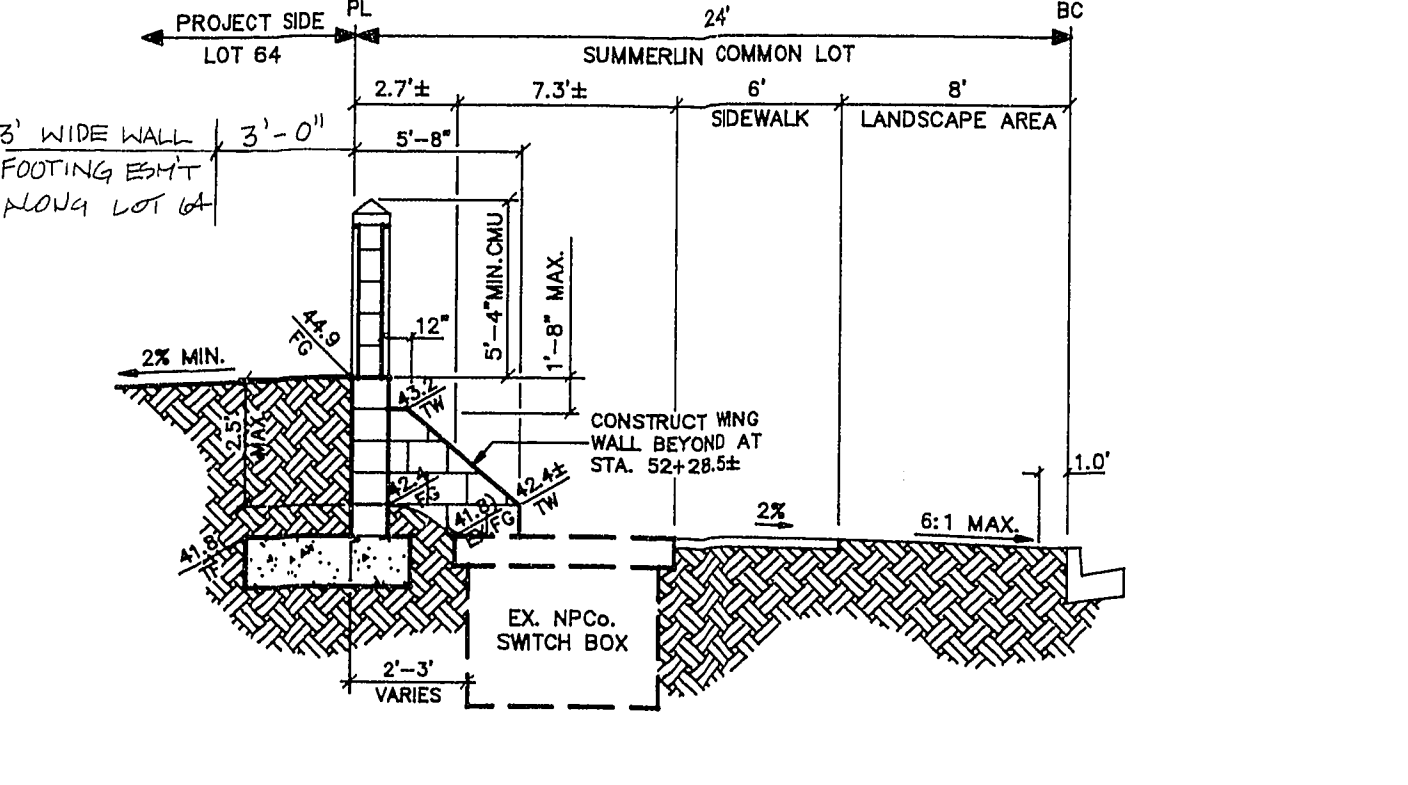
21 SECTION DETAIL SEWER EMT AT LOT 04



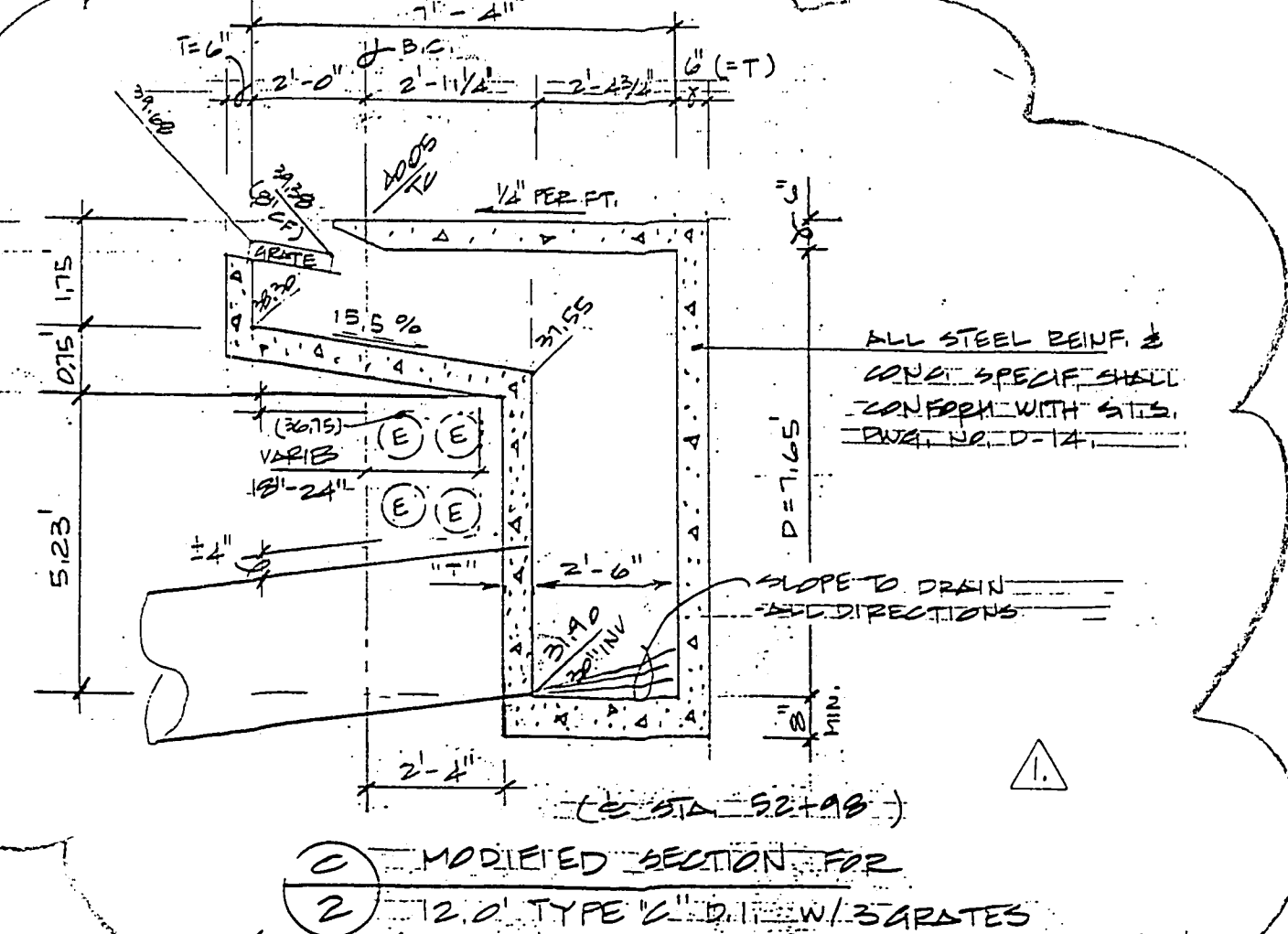
25 TYPICAL SECTION



23 PLANTER RETAINING WALL FROM STA. 52+59 TO 53+12.42 N.T.S.

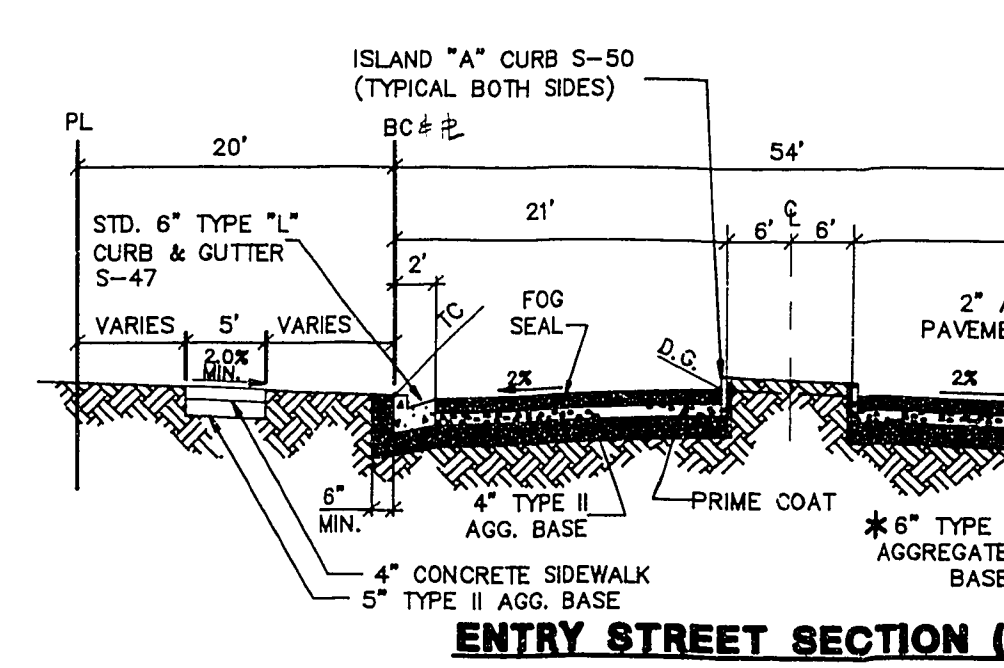


24 SPECIAL RETAINING WALL AT NPCO. SWITCH BOX N.T.S. STA. 52+46

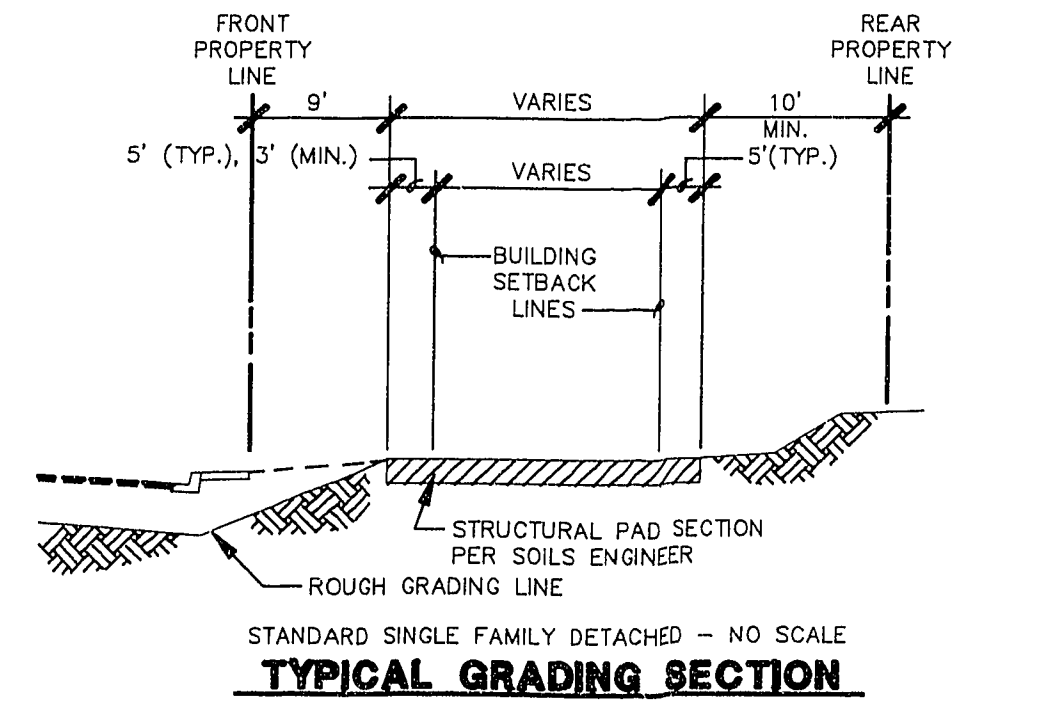
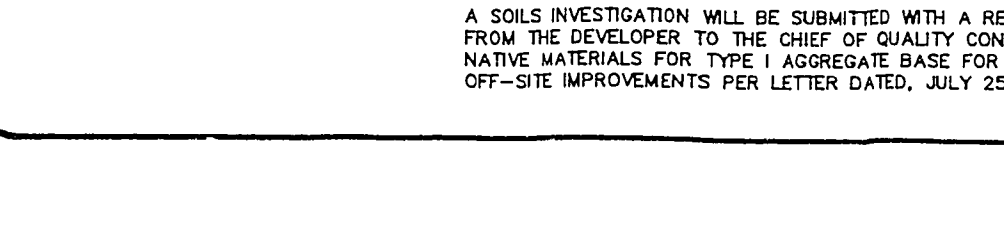


25 MODIFIED SECTION

PRIVATE ACCESS DRIVE SECTION (TYPICAL) (DEVIATION FROM STD. DWG. NO. S-14) NO SCALE



ENTRY STREET SECTION (TYPICAL) (DEVIATION FROM STD. DWG. NO. S-12, S.W. AT ONE-SIDE ONLY AND OFFSET CROWN.) NO SCALE



STANDARD SINGLE FAMILY DETACHED - NO SCALE TYPICAL GRADING SECTION

- GENERAL NOTES**
- ALL ELEVATIONS (EXCEPT T.C., T.R.C., F.L., D.G. AND F.G.) SHOWN HEREIN WITHIN THE LANDSCAPED AREAS, ARE 0.30 FEET BELOW FINAL FINISH GRADES TO ALLOW FOR THE ADDITION OF LANDSCAPING MATERIALS ATOP THESE ROUGH GRADES.
 - ALL LOTS ARE TO BE F.I.A. TYPE "A" DRAINAGE UNLESS OTHERWISE NOTED.
 - SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND DETAILS. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
 - CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
 - ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THE REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION PREPARED BY: TERRACON CONSULTANTS, #84955280 DATED 8/22/05.
 - ALL WORK PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
 - ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY AND OUTSIDE OF THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENFORCEMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
 - MINIMUM FINISH FLOOR ELEVATION = PAD ELEVATION +1.0'.

- WALL NOTES**
- ALL WALLS NEW OR EXISTING ARE SHOWN ONLY FOR THE PURPOSE OF GRADING RELATIONSHIPS.
 - THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CITY BUILDING DEPARTMENT.
 - SEE PLOT PLAN FOR RETAINMENT WALL DETAILS AT INTERIOR SIDE LOT LINES WHERE PAD ELEVATIONS EXCEED 1.0 FT. DIFFERENCE.
 - FOR ADDITIONAL INFORMATION FOR WALLS ON SECTIONS 16 THROUGH 18, SEE SEPARATE DETAILS AND CALCULATIONS.
 - CALICHE TO BE STACKED WITH BATTER AND STRAINED WITH PERMEON 501 BY EXPERIENCED APPLICATOR. ANY JOINT GREATER THAN 6" TO BE PACKED WITH SOIL OR GROUT WITH DEEP REVEAL STACK CALICHE ABOVE CMU WALL SO IT IS NOT VISIBLE FROM GOLF COURSE.
 - CONSTRUCT SPLIT FACE CMU WITH COLOR TO BE APPROVED BY SUMMERLIN WHERE FACE OF WALL IS EXPOSED TO GOLF COURSE.

CURVES AND LINES TABLES GRADING DETAILS

CANYON RIDGE SUMMERLIN VILLAGE 3

WESTMARK HOMES CITY OF LAS VEGAS

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