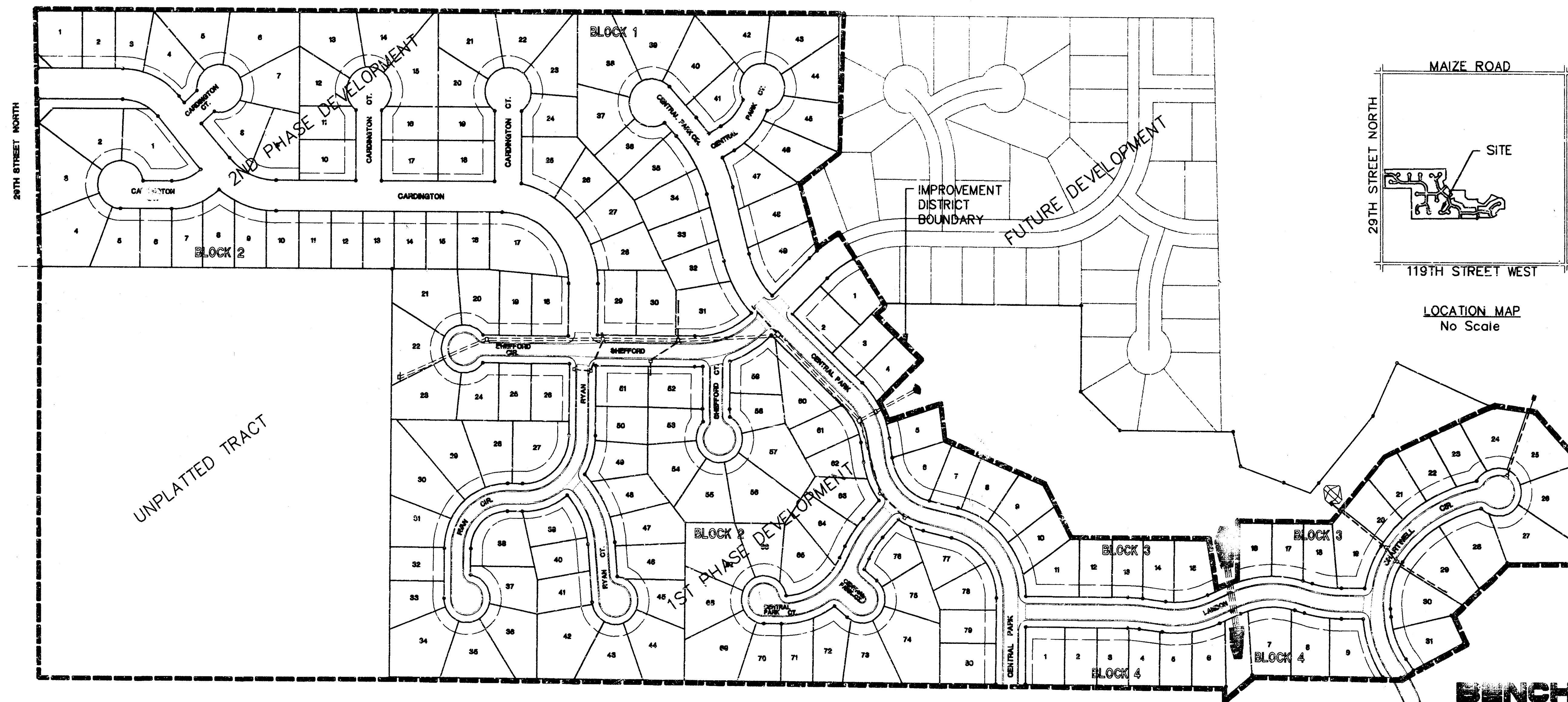


CONSTRUCTION PLANS FOR STORM WATER DRAIN #122 DETENTION POND TO SERVE ABERDEEN 2ND ADDITION TO THE CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
PROJECT NO. 468-82626
INDEX CODE 750984

GENERAL NOTES:

- Utility service lines, poles, valve boxes, meters and etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed.
- Waste material generated from this grading operation shall be wasted within areas shown on these plans.
All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow.
- Contractor to grade this site to the line and grade as shown on these plans. Earthwork to balance unless otherwise noted.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor in accordance with state laws.
- Trees are to be removed as needed. The cost is subsidiary to project.
- All disturbed areas within street right-of-ways shall be seeded with temporary ryegrass within 14 days of disturbance at a rate of 200 lbs. per acre. See Storm Water Pollution Prevention Plan.



INDEX

TITLE SHEET	SHEET 1
DETENTION POND STRUCTURE DETAIL	SHEET 2
DETENTION POND GRADING PLANS	SHEET 3-4
WASTE AREA PLANS	SHEET 5-6
CHANNEL GRADING DETAIL	SHEET 7

LOCATION MAP
No Scale

BOOKED
12-12-97
MCA
D-370

(POND GRADING) EARTHWORK SUMMARY:

EXCAVATION 92,915 C.YDS.
EXPORT 92,915 C.YDS.

NOTE: SEE WASTE AREA PLANS FOR
DISPOSAL AND PLACEMENT OF
EXCESS MATERIAL

JANUARY 1997

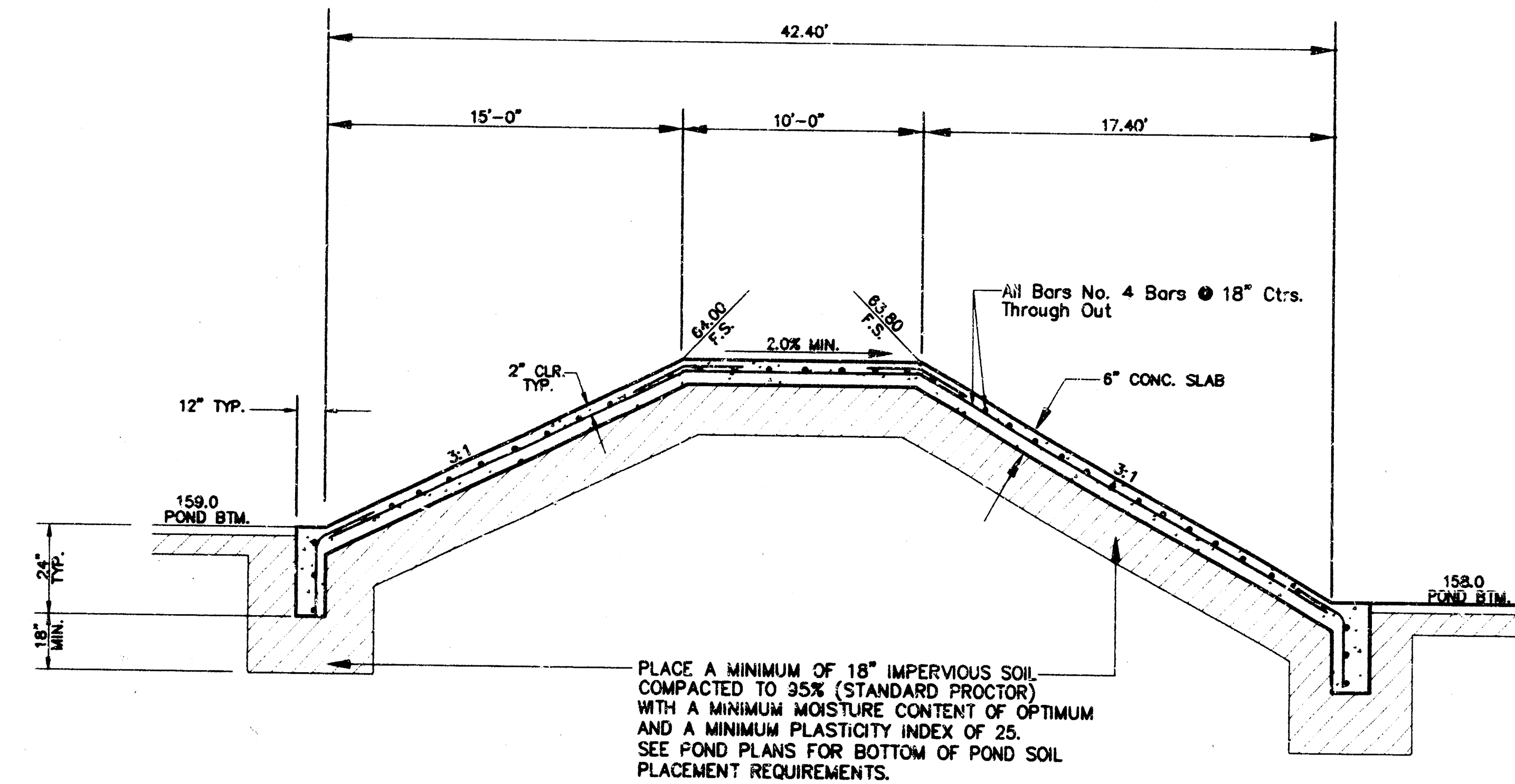
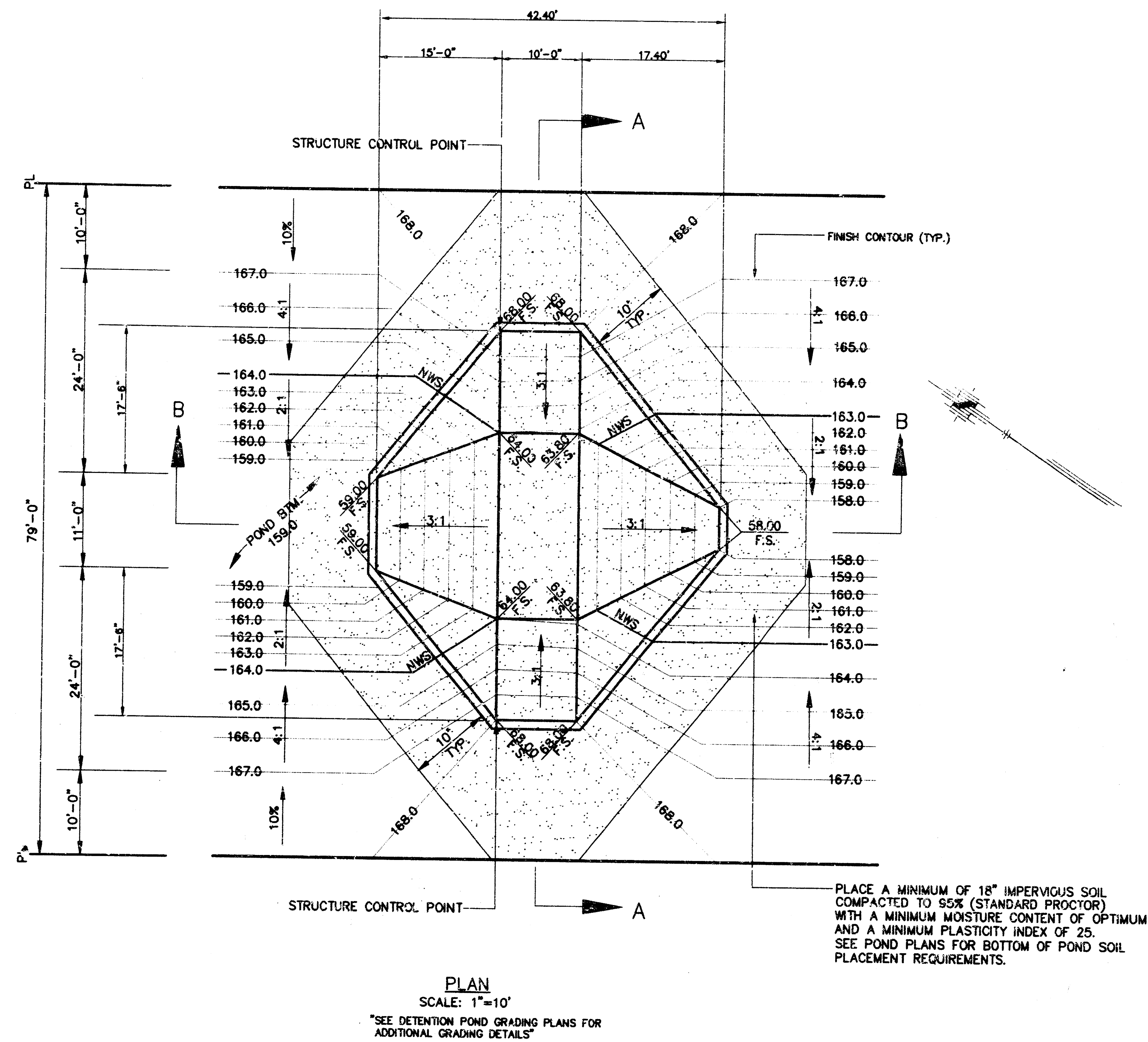
PLANS PREPARED
BY

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central Suite 200 ■ Wichita KS 67208 ■ 316/865-4114

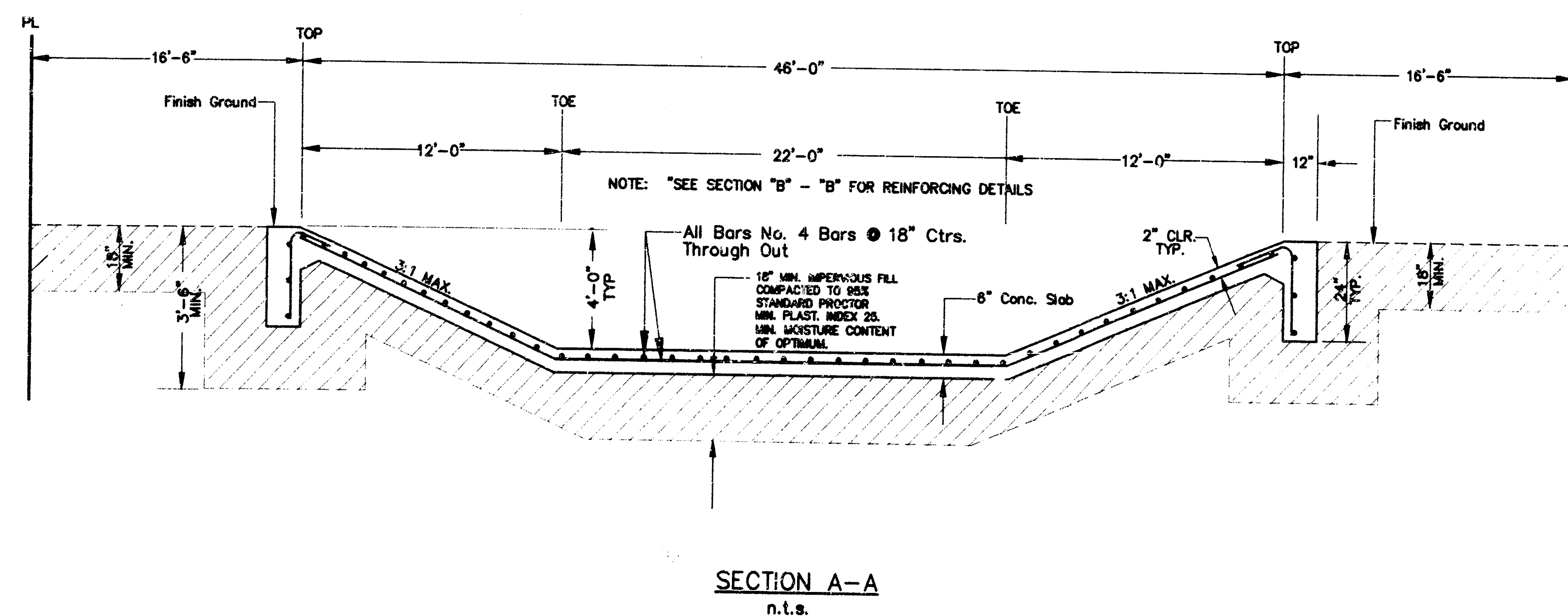


BENCH MARKS

- (City of Wichita Datum)
- City of Wichita Benchmark disc, 67" south of centerline 21st St. & 79' south of section line, and 46' east of centerline 119th St. Elev. 172.08
 - 80a nail in power pole, 30' east and 50' south of Northwest Corner of Government Lot 6 in SW Quarter of Section 6, T27S, R1W. Elev. 172.08
 - 80d nail in power pole 50' south of NE corner of Government Lot 3 in NW Quarter of Section 6, T27S, R1W. Elev. 179.98
 - 80d nail in power pole 40' west and 40' north of the NW Corner of the NW Corner of Sec. 6, T27S, R1W. Elev. 175.05



SECTION B-B
n.t.s.

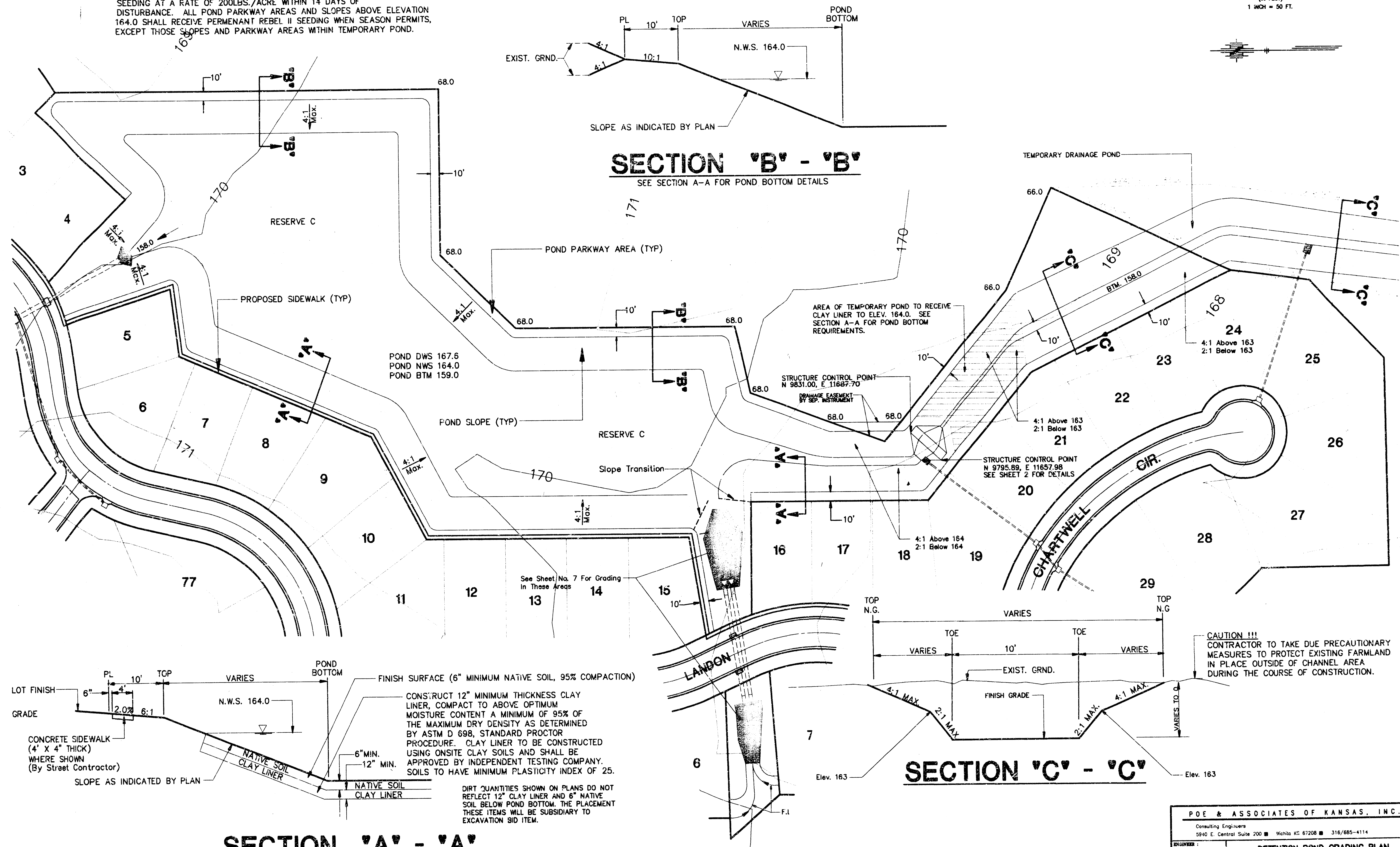
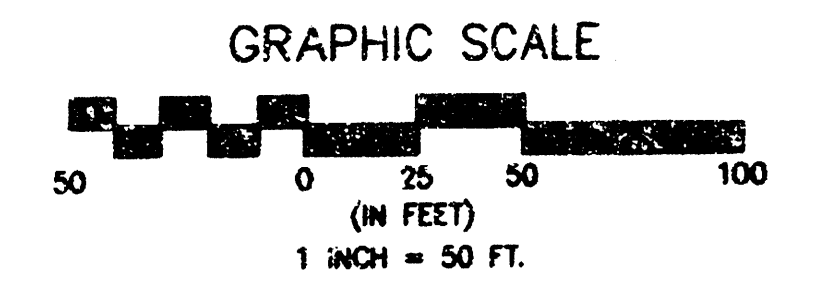


- NOTE:
1. All Concrete to be 6 sack City Paving Mix.
 2. All Exposed Concrete Edges To Have $3/4\"$ - 45° Chamfer.
 3. All Exposed Concrete Surfaces To Be Hand Rubbed.
 4. All steel bars to be #4 bars @ 18\"
 5. All reinforcing splices shall be with #4 bars and minimum overlap of reinforcing steel shall be 24 inches.

POE & ASSOCIATES OF KANSAS, INC.	
Consulting Engineers 5940 E. Central Suite 200 ■ Wichita KS 67208 ■ 316/685-4114	
DESIGNED BY: K. Hill	DETENTION POND CONTROL STRUCTURE ABERDEEN 2ND ADDITION CITY OF WICHITA, KANSAS Project No. 472-82751 Index Code 750984
ENG. CHECKED BY: D. Haskins	
DATE: January 1997	
FIGURE: 2 of 7	

NOTES:

1. ALL POND SLOPES AND PARKWAY AREAS SHALL RECEIVE TEMPORARY SEEDING AT A RATE OF 200LBS./ACRE WITHIN 14 DAYS OF DISTURBANCE. ALL POND PARKWAY AREAS AND SLOPES ABOVE ELEVATION 164.0 SHALL RECEIVE PERMANENT REBEL II SEEDING WHEN SEASON PERMITS, EXCEPT THOSE SLOPES AND PARKWAY AREAS WITHIN TEMPORARY POND.



SECTION 'B' - 'B'
SEE SECTION A-A FOR POND BOTTOM DETAILS

SECTION 'A' - 'A'

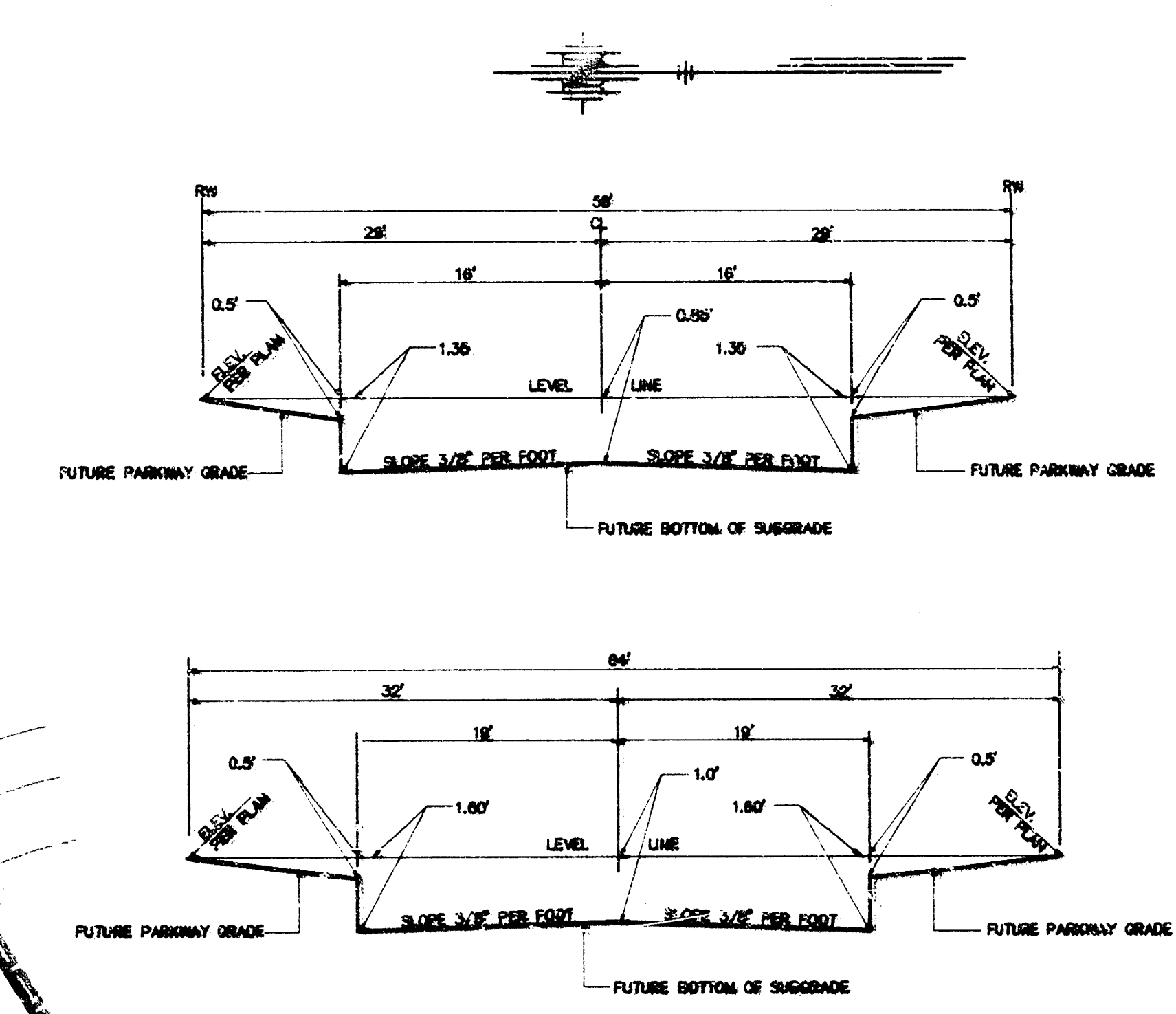
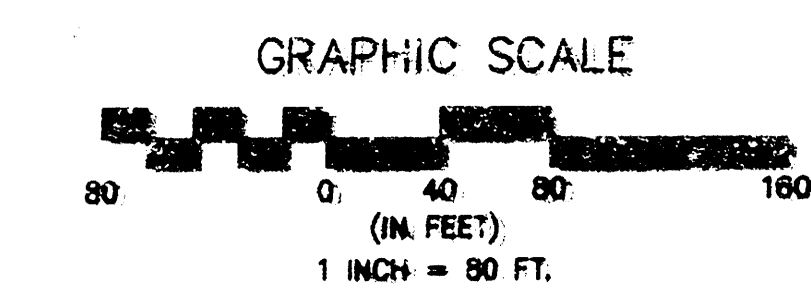
SECTION 'C' - 'C'

NOTE: "SEE WASTE AREA PLANS FOR DISPOSAL OF EXCESS EXCAVATION MATERIAL"

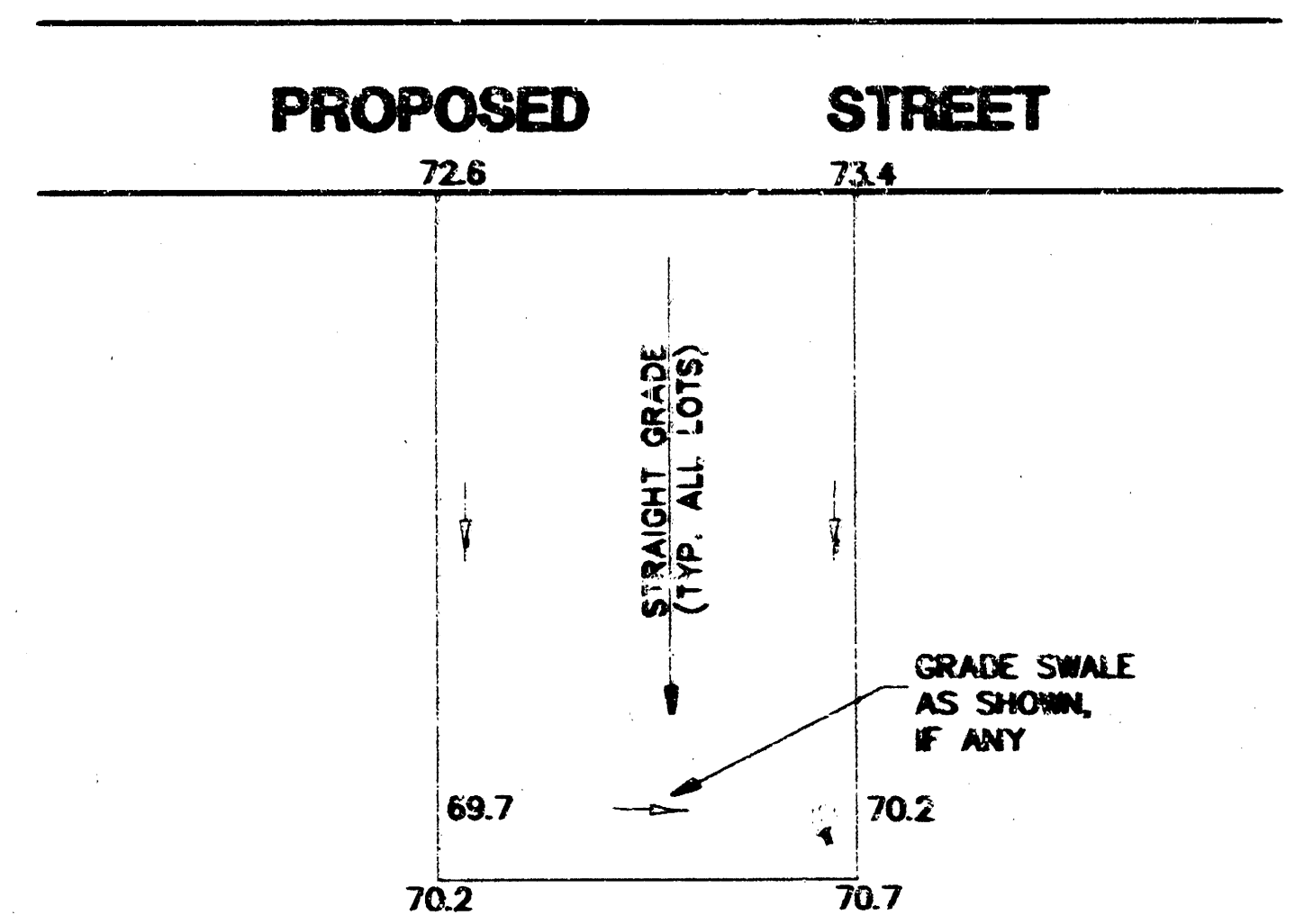
P.O.E. & ASSOCIATES OF KANSAS, INC. Consulting Engineers 5940 E. Central Suite 200 ■ Wichita KS 67208 ■ 316/685-4114	
ENGINEER: K. Hill DRA. YOUNG: D. Hoskins C.D. TUCKER: D. Hoskins DATE: January 1997 SHEET: 3 of 7	DETENTION POND GRADING PLAN ABERDEEN 2ND ADDITION CITY OF WICHITA, KANSAS Project No. 468-82626 Index Code 750984



C:\APPS\JICA\PI596\BASE-ST Tue May 13 09:11:47 1997 Steve Schmidt-Poe & Assoc.



TYPICAL SECTIONS FOR
2ND PHASE DEVELOPMENT
AREA STREET GRADING
NO SCALE



TYPICAL LOT GRADING DETAIL
NO SCALE

- NOTES:
1. SEE STORM SEWER PLANS FOR ALL DRAINAGE STRUCTURES AND STORM SEWER DETAILS.
 2. ALL DISTURBED AREAS WITHIN STREET R/W IN WASTE AREA TO RECEIVE TEMPORARY SEEDING WITHIN 14 DAYS OF DISTURBANCE AT A RATE OF 200 LBS/ACRE.
 3. CONSTRUCT ROADWAYS IN 2ND PHASE DEVELOPMENT AREA PER TYPICAL SECTIONS.

EARTHWORK SUMMARY:

ABERDEEN 2ND ADDITION		ABERDEEN 2ND ADDITION		WASTE AREA 1 (FUTURE DEVELOPMENT AREA)	
DETENTION POND:		WASTE AREA 1 (2ND PHASE DEVELOPMENT AREA):		IMPORT	
EXCAVATION	92,915 C.YDS.	EXCAVATION	7,089 C.YDS.		
EXPORT	92,915 C.YDS.	COMPACTED FILL (90%)	8,625 C.YDS.		
		LOOSE FILL	28,905 C.YDS.		
		IMPORT	36,071 C.YDS.		

NOTE: LOSSES ARE INCL. IN FILL QUANTITIES ABOVE
SEE ROAD GRADING SECTIONS FOR GRADING
DETAILS WITHIN ROADWAY. COMPACTED FILL
WITHIN R/W TO BE COMPACTED TO 90%.

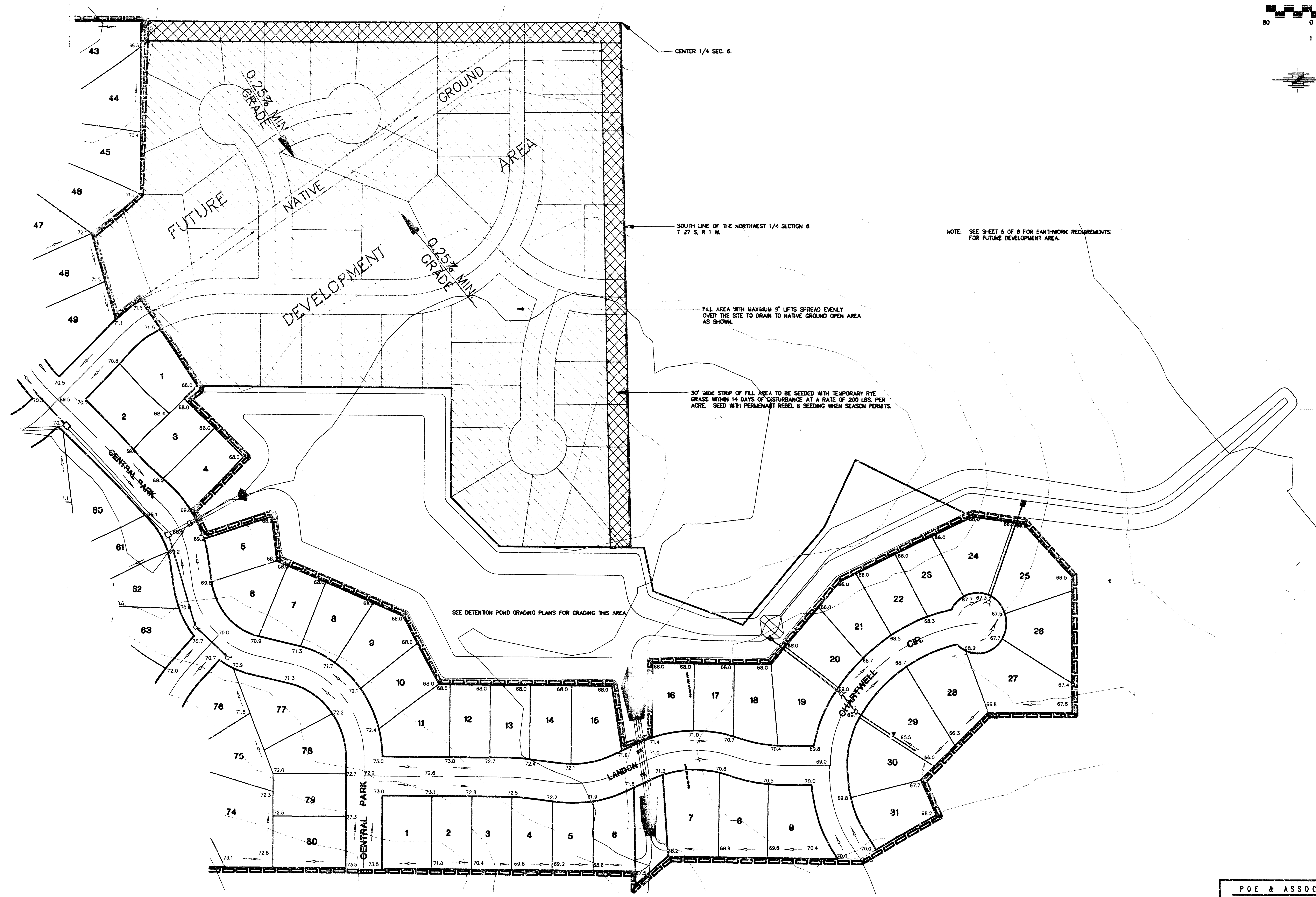
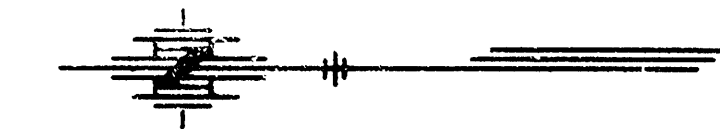
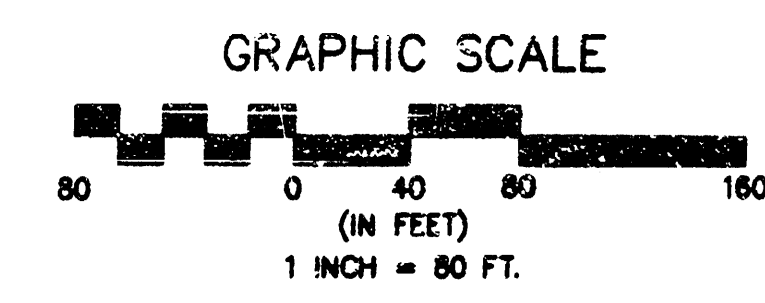
EXCAVATION OF 7,089 C. YDS. AND COMPACTED
FILL OF 8,625 C. YDS. SHOWN ABOVE IS NOT
INCLUDED IN POND BID EXCAVATION ITEM AND
SHALL BE SUBSIDIARY TO POND PROJECT COSTS.

NOTE: PLACE MATERIAL IN 8" MAXIMUM
LIFTS SPREAD EVENLY OVER THE
DEFINED SITE. SEE SHEET 6.

POE & ASSOCIATES OF KANSAS, INC.
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ENGINEER:	K. Hill
WASTE AREA:	D. Hoskins
CITY ENGINEER:	D. Hoskins
DATE:	January 1997
SHEET:	5 of 7

WASTE AREA PLANS
ABERDEEN 2ND ADDITION
CITY OF WICHITA, KANSAS
Project No. 468-82628
Index Code 750284



P.O.E. & ASSOCIATES OF KANSAS, INC.	
Consulting Engineers	
5940 E. Central Suite 200 ■ Wichita KS 67208 ■ 316/685-4114	
ENGINEER:	K. Hill
NO. TECH:	D. Hoskins
CAD TECH:	D. Hoskins
DATE:	January 1997
SHEET:	6 of 7
WASTE AREA PLANS	
ABERDEEN 2ND ADDITION	
CITY OF WICHITA, KANSAS	
Project No. 488-82828	
Index Code 750884	

