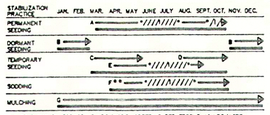
EROSION CONTROL LEGEND

—SF— - SILT FENCE

▭ - STRAW BALE DAM (SEE DETAIL)



SEASONAL SOIL PROTECTION 6

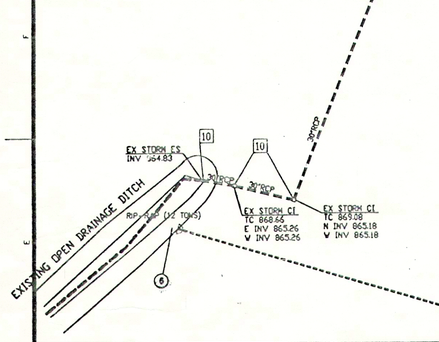
NO SCALE

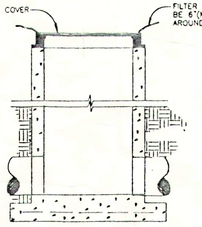
SOIL SURVEY PLAN

CrA - Crosby silt loam
Bs - Brookston silty clay loam
MmB2 - Miami silt loam

EROSION CONTROL GENERAL NOTES:

1) The Contractor shall attempt to prevent any and all sediment from leaving the construction site by way of erosion. If erosion of sediment from the site is taking place, the contractor shall take preventative action immediately. The engineer shall be consulted in the event this happens.
2) Temporary seeding shall be applied to any graded area that will remain unaltered for 14 days or longer.
3) Permanent seeding shall be applied immediately to areas that have achieved final and finished grade.
4) Preserve existing vegetation on the site whenever and wherever possible to prevent topsoil erosion.
5) All sediment capturing measures shall be implemented before the disturbance of the construction area they are intended to service.
   a) provide silt fence around disturbed soil areas and provide silt baskets in existing catch basins on site before earthwork operations begin.
   b) provide stable construction entrance before earthwork operations begin.
   c) provide silt baskets in new storm structures immediately after installation.
   d) provide silt fence around stockpile area as soon as major earthwork operations are complete.
6) All erosion control measures shown are to be properly maintained to continue their effectiveness.
7) If grading occurs during December, January, February dormant seeding procedures shall be used.
8) During dry weather, keep lawns watered with sprinklers or other approved methods. Reseed any areas not germinating or damaged at intervals as may be required according to seasonal condition and/or construction activity. Water, grass and execute necessary weeding until full stand of grass has been obtained.
9) The implementation and maintenance of the erosion control is the sole responsibility of the contractor.
10) It shall be the contractor's responsibility to minimize sedimentation (from on-site construction activities) from being deposited onto adjacent properties including streets and receiving storm system.
    It shall also be the contractor's responsibility to obtain any approvals required from the local authority.
11) For seasonal variations - see detail this sheet.

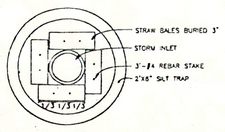


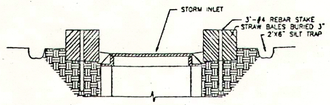


MAINTENANCE:
1) INSPECT AFTER EACH STORM EVENT OF SILT ACCUMULATION.
2) REMOVE SEDIMENTATION AND REPLACE FILTER FABRIC IF NECESSARY AFTER EACH STORM EVENT OF SILT ACCUMULATION.
3) PERIODICALLY REMOVE SEDIMENT AND TRACKED-ON SOIL FROM THE STREET.

INLET PROTECTION W/FABRIC 5

NO SCALE

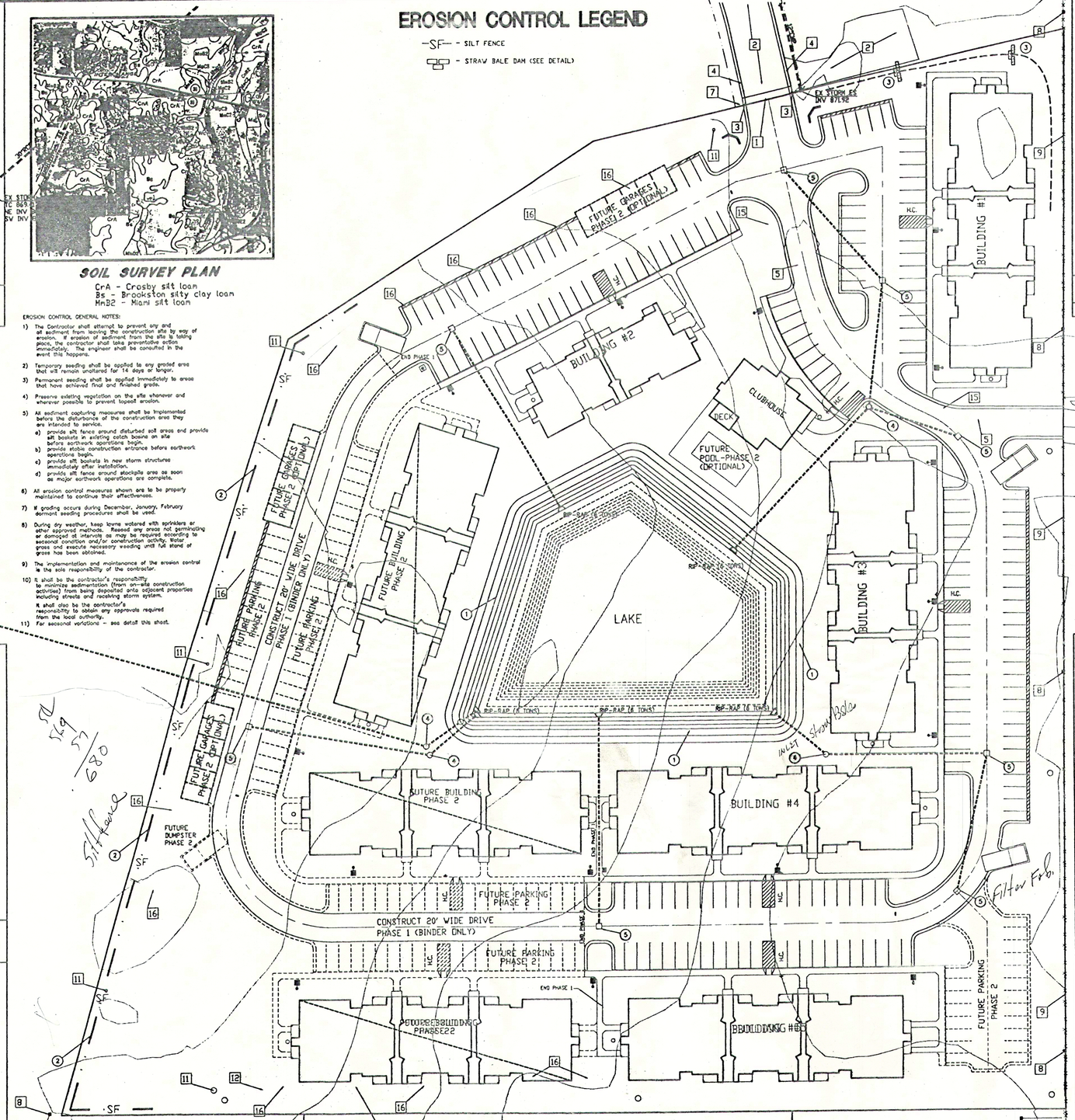




MAINTENANCE:
1. INSPECT THE STRUCTURE PROTECTION AFTER EACH STORM EVENT.
2. REMOVE ACCUMULATED SEDIMENT AND MAKE NEEDED REPAIRS.
3. WHEN DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ALL SEDIMENT, AND CONSTRUCTION MATERIALS, GRADE DISTURBED AREA TO ELEVATION OF TOP OF INLET AND STABILIZE.

STRAW BALES @ LAWN INLETS 4

NO SCALE



GENERAL NOTES

SEED ALL DISTURBED AREA UNLESS NOTED OTHERWISE.

COORDINATE ALL UTILITY DISCONNECTS AND RELOCATIONS WITH LOCAL UTILITY COMPANIES.

COORDINATE ALL RIGHT OF WAY WORK WITH THE TOWN OF PENDLETON, INDIANA

FIELD LOCATE ALL UTILITIES BEFORE START OF WORK.

FIELD VERIFY ALL STORM AND SANITARY SEWER INVERTS AND PIPES SIZES PRIOR TO BEGINNING CONSTRUCTION.

LANDSCAPING PLAN SEE SHEET C6.

DEMOLITION NOTES

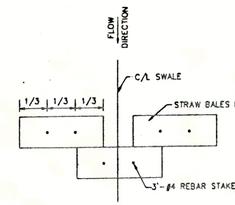
1. REMOVE EXISTING ASPHALT PAVING. SAWCUT EDGES TO REMAIN DISPOSE OF OFF-SITE.
2. EXISTING ASPHALT TO REMAIN.
3. REMOVE EXISTING CONCRETE CURB. SAWCUT EDGES TO REMAIN DISPOSE OF OFF-SITE.
4. EXISTING CONCRETE CURB TO REMAIN.
5. REMOVE EXISTING GRAVEL PAVING. DISPOSE OF OFF-SITE.
6. EXISTING GRAVEL PAVING TO REMAIN.
7. EXISTING LIGHT POLE TO REMAIN.
8. EXISTING UTILITY POLE TO REMAIN.
9. EXISTING FENCE TO REMAIN.
10. EXISTING STORM STRUCTURE AND/OR PIPE TO REMAIN.
11. EXISTING SANITARY STRUCTURE AND/OR PIPE TO REMAIN.
12. REMOVE EXISTING SANITARY SEWER PIPE AS REQUIRED. DISPOSE OF OFF-SITE. OR ABANDON IN PLACE.
13. NOT USED
14. NOT USED
15. EXISTING WATER LINE TO REMAIN.
16. EXISTING LATERAL LOCATION PIPES TO BE REMOVED UNLESS TO BE USED. DISPOSE OF OFF-SITE.
17. NOT USED

PLAN NOTES: (X)

1. SOD LAKE BANK
2. SILT FENCE. SEE DETAIL 2/C1
3. STRAW BALES IN SWALE. SEE DETAIL 3/C1
4. STRAW BALES @ LAWN INLETS. SEE DETAIL 4/C1
5. INLET PROTECTION W/FABRIC. SEE DETAIL 5/C1
6. OUTLET EROSION CONTROL. SEE DETAIL 1/C1

SCALE: 1"=40'

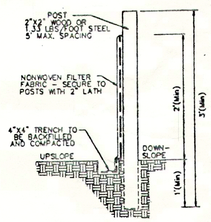
0 20 40 80



MAINTENANCE:
1. INSPECT STRAW BALE DAMS WEEKLY AND AFTER EACH STORM EVENT.
2. REMOVE ANY SEDIMENT DEPOSITS PROMPTLY TAKING CARE NOT TO UNDERMINE ENTRENCHED BALES.
3. INSPECT WEEKLY FOR DETERIORATION OR DAMAGE BY CONSTRUCTION ACTIVITIES AND REPAIR IMMEDIATELY.
4. AFTER DRAINAGE AREA HAS BEEN STABILIZED, REMOVE BALES AND SEDIMENT, BRING DISTURBED AREA TO GRADE AND STABILIZE IT.

STRAW BALES IN SWALE 3

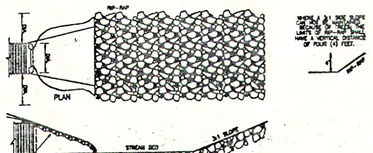
NO SCALE



MAINTENANCE:
1. INSPECT WEEKLY AND AFTER EACH STORM EVENT.
2. IF FABRIC IS TORN OR DETERIORATED, REPLACE SECTION IMMEDIATELY.
3. REMOVE SEDIMENT WHEN HEIGHT REACHES 1/3 OF THE HEIGHT OF THE FENCE OR IS CAUSING FABRIC TO BULGE.
4. TAKE CARE NOT TO UNDERMINE THE ENTRENCHED FABRIC.
5. AFTER DRAINAGE AREA IS STABILIZED, REMOVE FENCE AND SEDIMENT, BRING DISTURBED AREA TO GRADE AND STABILIZE IT.

SILT FENCE 2

NO SCALE



OUTLET EROSION CONTROL 1

NO SCALE

WEIHE ENGINEERS, INC.
10500 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-8661 FAX: (317) 845-0645
TOLL-FREE (888) 452-6600
ALLAN H. WEIHE, P.E., L.S. PRESIDENT
MICHAEL L. DeBOW, L.A. VICE - PRESIDENT
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

DATE	BY	REVISIONS
-	-	-

PROJECT NO. 96-0036
DRG. NO. 96-0036
DRAWN/DRAFTING
FIELD BK.
C. Gordon
SCALE
1"=40'
CHECKED BY:
SHEET:
DATE: 22 March 98
FIELD BOOK
PAGE

ALLAN H. WEIHE REGISTERED No. 6627 STATE OF INDIANA PROFESSIONAL ENGINEER

ALLAN H. WEIHE P.E. & L.S.

PREPARED FOR:

PENDLETON PLACE APARTMENTS

SHEEHAN CONSTRUCTION CO., INC.

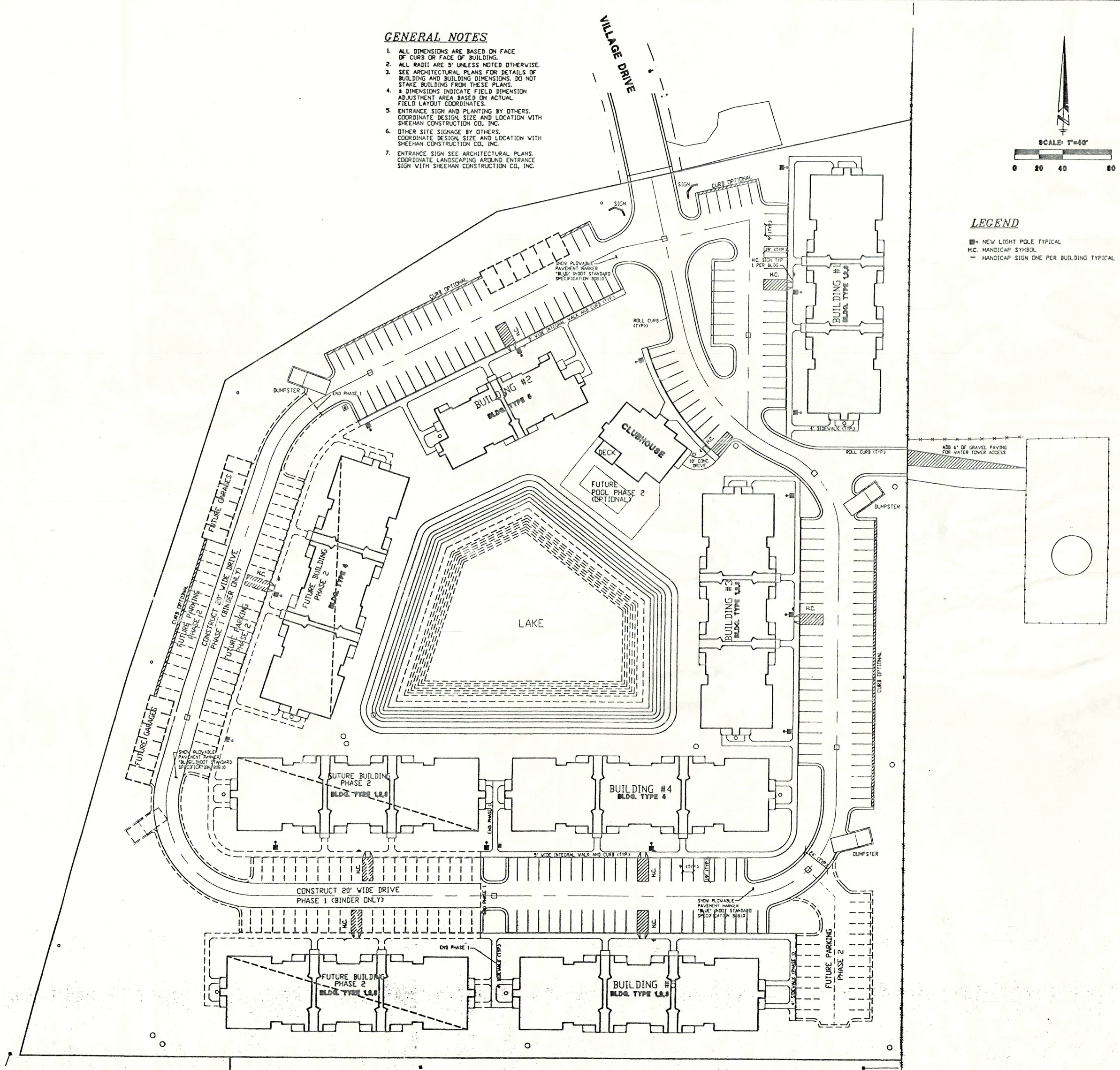
PREPARATION AND EROSION CONTROL PLAN

Part of the NE/4, Section 15, Town 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

SHEET NO. C1

GENERAL NOTES

1. ALL DIMENSIONS ARE BASED ON FACE OF CURB OR FACE OF BUILDING.
2. ALL RADII ARE 5' UNLESS NOTED OTHERWISE.
3. SEE ARCHITECTURAL PLANS FOR DETAILS OF BUILDING AND BUILDING DIMENSIONS. DO NOT STAKE BUILDING FROM THESE PLANS.
4. * DIMENSIONS INDICATE FIELD DIMENSION ADJUSTMENT AREA BASED ON ACTUAL FIELD LAYOUT COORDINATES.
5. ENTRANCE SIGN AND PLANTING BY OTHERS. COORDINATE DESIGN, SIZE AND LOCATION WITH SHEEHAN CONSTRUCTION CO., INC.
6. OTHER SITE SIGNAGE BY OTHERS. COORDINATE DESIGN, SIZE AND LOCATION WITH SHEEHAN CONSTRUCTION CO., INC.
7. ENTRANCE SIGN SEE ARCHITECTURAL PLANS. COORDINATE LANDSCAPING AROUND ENTRANCE SIGN WITH SHEEHAN CONSTRUCTION CO., INC.



LEGEND

- NEW LIGHT POLE TYPICAL
- H.C. HANDICAP SYMBOL
- HANDICAP SIGN ONE PER BUILDING TYPICAL

WEIHE ENGINEERS, INC.
10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611 LOCAL 463-0545
TOLL-FREE (800) 452-6409
ALLAN H. WEIHE, P.E., L.S. PRESIDENT
DONALD R. LAMONT, L.S. VICE-PRESIDENT
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

DATE	BY	REVISIONS

PROJECT NO. 98-06-06
DRAWING NO. 9806060C2.DWG
FIELD BY: FIELD BOOKS 777
DRAWN BY: DONALD R. LAMONT
CHECKED BY: ALLAN H. WEIHE
SCALE: 1"=40'
DATE: 22 MARCH 98
PAGES 75-77

ALLAN H. WEIHE REGISTERED No. 8827 STATE OF INDIANA PROFESSIONAL ENGINEER

ALLAN H. WEIHE P.E. 8827

PREPARED FOR:

PENDLETON PLACE APARTMENTS

SHEEHAN CONSTRUCTION CO., INC.

LAYOUT PLAN

Part of the NE/4, Section 15, Twp. 18 North, Range 5 East, Fall Creek Twp., Hamilton County, Indiana

SHEET NO.

C2

GENERAL NOTES

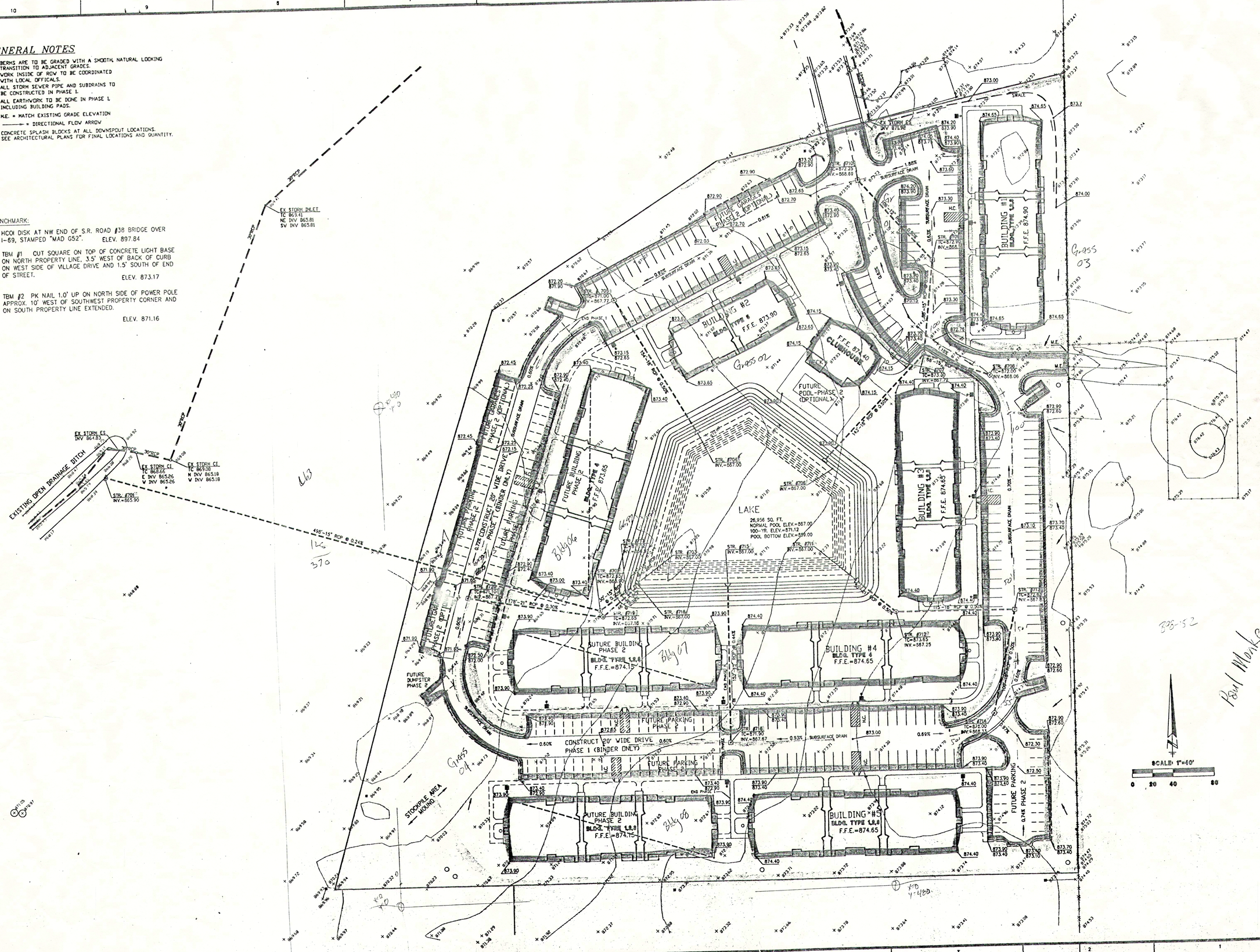
1. BERMS ARE TO BE GRADED WITH A SMOOTH, NATURAL LOOKING TRANSITION TO ADJACENT GRADES.
2. WORK INSIDE OF ROW TO BE COORDINATED WITH LOCAL OFFICALS.
3. ALL STORM SEWER PIPE AND SUBDRAINS TO BE CONSTRUCTED IN PHASE 1.
4. ALL EARTHWORK TO BE DONE IN PHASE 1, INCLUDING BUILDING PADS.
5. M.E. = MATCH EXISTING GRADE ELEVATION
6. ——→ = DIRECTIONAL FLOW ARROW
7. CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS. SEE ARCHITECTURAL PLANS FOR FINAL LOCATIONS AND QUANTITY.

BENCHMARK:

HCOI DISK AT NW END OF S.R. ROAD #38 BRIDGE OVER I-69, STAMPED "MAD G52". ELEV. 897.84

TBM #1 CUT SQUARE ON TOP OF CONCRETE LIGHT BASE ON NORTH PROPERTY LINE, 3.5' WEST OF BACK OF CURB ON WEST SIDE OF VILLAGE DRIVE AND 1.5' SOUTH OF END OF STREET. ELEV. 873.17

TBM #2 PK NAIL 1.0' UP ON NORTH SIDE OF POWER POLE APPROX. 10' WEST OF SOUTHWEST PROPERTY CORNER AND ON SOUTH PROPERTY LINE EXTENDED. ELEV. 871.16



WEIHE ENGINEERS, INC.
1005N NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46250
(317) 845-8411 FAX: (317) 845-8446
TOLL-FREE (800) 428-4408
ALLAN H. WEIHE P.E., L.S. PRESIDENT
MICHAEL L. DeBOYE L.S. VICE PRESIDENT
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

PROJECT NO. 96-00.56	DATE	BY
DWG. NAME 96-00.56.DWG		
DRAWN BY: T. Schoning		
FIELD BY: G. Kendall		
DESIGN BY: Allan H. Weihe		
CHECKED BY: Sam Price		
DATE: 22 MARCH 96		
FIELD BOOK NO.	PAGE 15-29	

ALLAN H. WEIHE REGISTERED No. 6827 STATE OF INDIANA PROFESSIONAL ENGINEER

ALLAN H. WEIHE P.E. 6827

PREPARED FOR:

PENDLETON PLACE APARTMENTS

SHEEHAN CONSTRUCTION CO., INC.

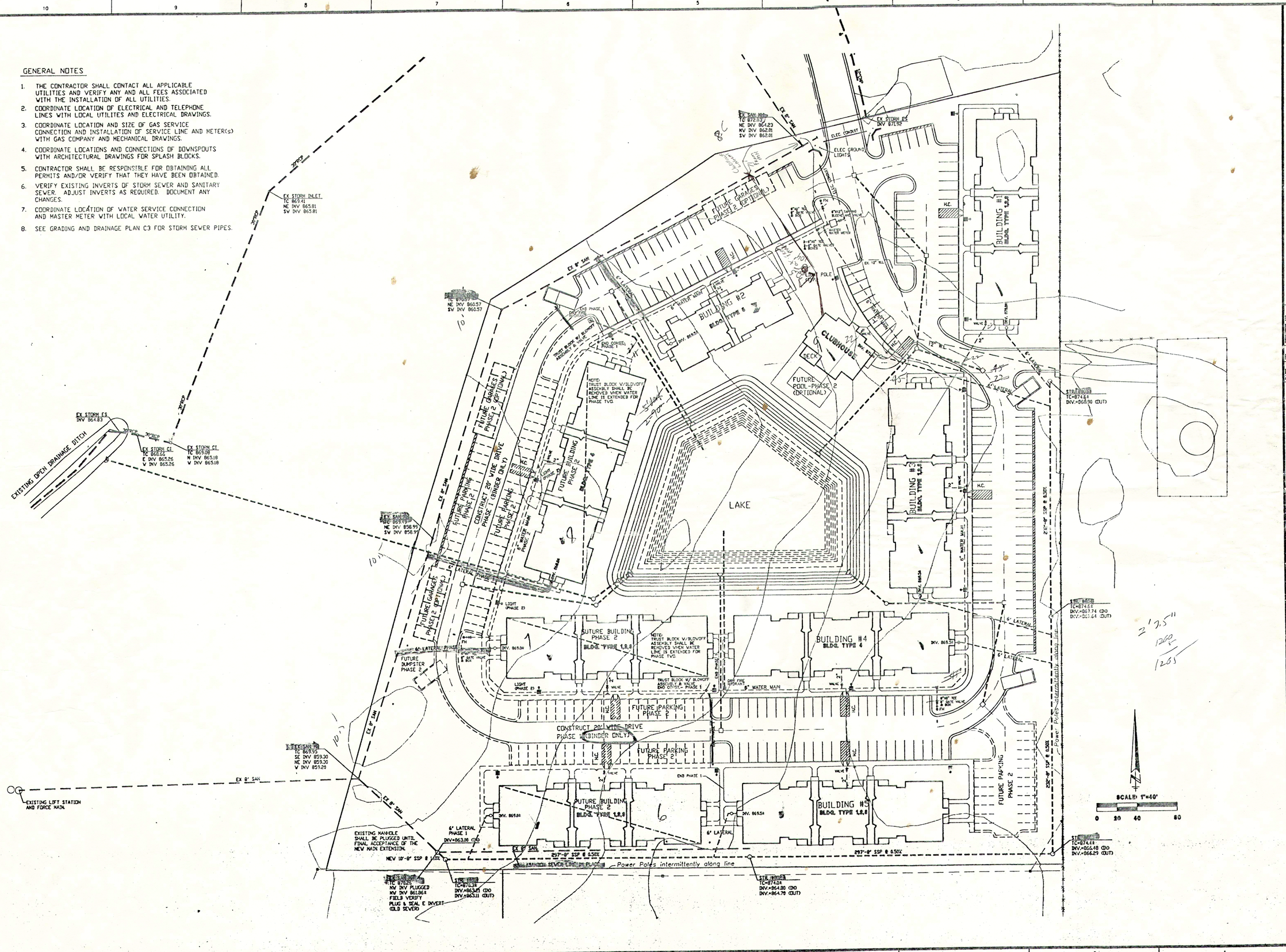
GRADING AND DRAINAGE PLAN

Part of the NE¼ Section 15, Twp. 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

SHEET NO. C3

GENERAL NOTES

1. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITIES AND VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF ALL UTILITIES.
2. COORDINATE LOCATION OF ELECTRICAL AND TELEPHONE LINES WITH LOCAL UTILITES AND ELECTRICAL DRAWINGS.
3. COORDINATE LOCATION AND SIZE OF GAS SERVICE CONNECTION AND INSTALLATION OF SERVICE LINE AND METER(s) WITH GAS COMPANY AND MECHANICAL DRAWINGS.
4. COORDINATE LOCATIONS AND CONNECTIONS OF DOWNSPOUTS WITH ARCHITECTURAL DRAWINGS FOR SPLASH BLOCKS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND/OR VERIFY THAT THEY HAVE BEEN OBTAINED.
6. VERIFY EXISTING INVERTS OF STORM SEWER AND SANITARY SEWER. ADJUST INVERTS AS REQUIRED. DOCUMENT ANY CHANGES.
7. COORDINATE LOCATION OF WATER SERVICE CONNECTION AND MASTER METER WITH LOCAL WATER UTILITY.
8. SEE GRADING AND DRAINAGE PLAN C3 FOR STORM SEWER PIPES.



WEIHE ENGINEERS, INC.

10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611 FAX: (317) 843-0546
TOLL-FREE (800) 452-6408

ALLAN H. WEIHE, P.E., L.S.
PRESIDENT
MICHAEL L. DeBOY, L.S.
VICE - PRESIDENT

CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

DATE	BY	
-	-	PROJECT NO.: 98-0036
		DWG NAME: 980036C4.DWG
		FIELD BY: G. Kendall
		DRAWN BY: SMR,PRM
		CHECKED BY: SMR,PRM
		DATE: 22 MARCH 98

REVISIONS

FIELD BOOK: ??? PAGE: ??-??

ALLAN H. WEIHE
REGISTERED
No. 8827
STATE OF INDIANA
PROFESSIONAL ENGINEER

Allan H. Weihe

ALLAN H. WEIHE P.E. 8827

PREPARED FOR:

PENDLETON PLACE APARTMENTS

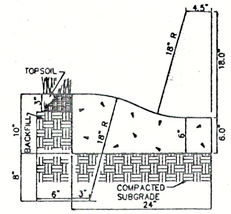
SHEEHAN CONSTRUCTION CO., INC.

UTILITY PLAN

Part of the NE/4, Section 15, Twp. 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

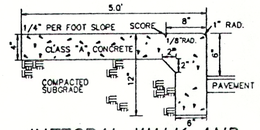
SHEET NO.

C4



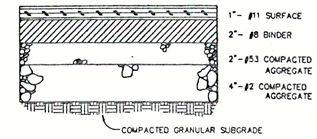
ROLL CURB & GUTTER SECTION

DRY TYPE (NO SCALE)



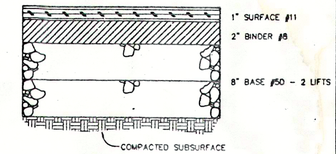
INTEGRAL WALK AND CURB DETAIL

(NO SCALE)



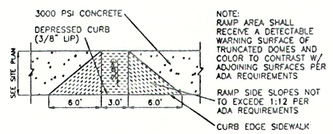
ASPHALT PAVING SECTION

(NO SCALE)



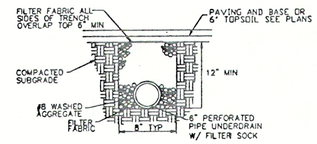
PAVEMENT SECTION FOR REACTION PAD

(NO SCALE)



CURB RAMP DETAIL

(NO SCALE)

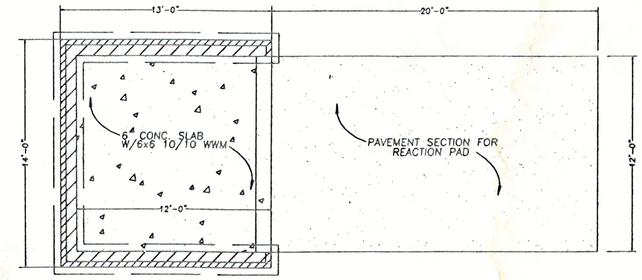


SECTION

NOTE: MIN. SLOPE 0.50% OR AS NOTED ON PLANS. DRAIN TILE TO BE 20 FEET IN LENGTH UNLESS NOTED ON PLANS. CAP AND WRAP ALL ENDS.

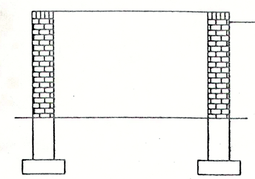
SUBDRAIN

(NO SCALE)



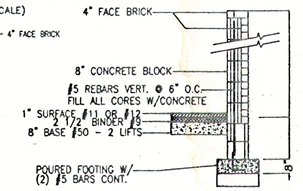
PLAN VIEW OF DUMPSTER AREA

(NO SCALE)



DUMPSTER FRONT ELEV.

(NO SCALE)

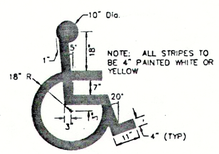


CROSS SECTION

(NO SCALE)

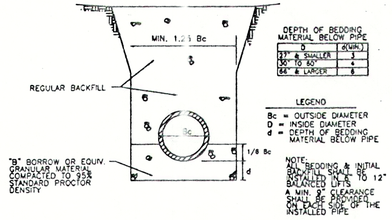
DUMPSTER AREA

(NO SCALE)



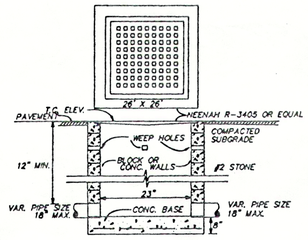
HANDICAP PARKING SYMBOL DETAIL

(NO SCALE)



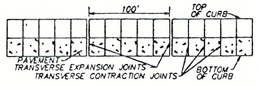
BEDDING AND BACKFILL (RCP)

STORM SEWER (NO SCALE)



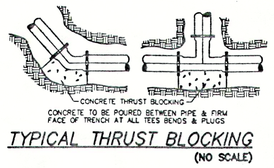
PAVED AREA INLET

(NO SCALE)



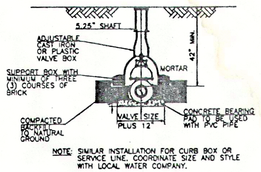
CURB JOINT DETAIL

(NO SCALE)



TYPICAL THRUST BLOCKING

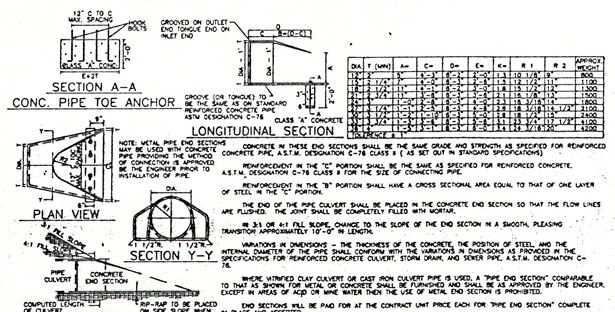
(NO SCALE)



NOTE: SIMILAR INSTALLATION FOR CURB BOX OR SERVICE LINE. COORDINATE SIZE AND STYLE WITH LOCAL WATER COMPANY.

WATER VALVE

(NO SCALE)



DIA.	T (MIN)	A=	C=	D=	E=	R=	R 1	R 2	APPROX WEIGHT
12"	1	5"	4"	8"	4"	1"	10 1/8"	9"	800
15"	1 1/8"	5"	4"	8"	4"	1"	12 1/2"	11"	1,100
18"	1 1/4"	5"	4"	8"	4"	1"	15 1/2"	13"	1,300
21"	1 3/4"	5"	4"	8"	4"	1"	16 1/8"	14"	1,500
24"	2"	5"	4"	8"	4"	1"	18 3/16"	15"	1,800
27"	2 1/4"	5"	4"	8"	4"	1"	18 3/16"	15 1/2"	2,100
30"	2 1/2"	5"	4"	8"	4"	1"	19 1/2"	16"	2,400
36"	2 1/2"	5"	4"	8"	4"	1"	21 1/2"	17 1/2"	4,100
42"	2 1/2"	5"	4"	8"	4"	1"	24 1/2"		4,900
48"	2 1/2"	5"	4"	8"	4"	1"	27 1/2"		5,800

CONCRETE IN THESE END SECTIONS SHALL BE THE SAME GRADE AND STRENGTH AS SPECIFIED FOR REINFORCED CONCRETE PIPE, A.S.T.M. DESIGNATION C-76 CLASS II (AS SET OUT IN STANDARD SPECIFICATIONS)

REINFORCEMENT IN THE "C" PORTION SHALL BE THE SAME AS SPECIFIED FOR REINFORCED CONCRETE, A.S.T.M. DESIGNATION C-76 CLASS II FOR THE SIZE OF CONNECTING PIPE.

REINFORCEMENT IN THE "B" PORTION SHALL HAVE A CROSS SECTIONAL AREA EQUAL TO THAT OF ONE LAYER OF STEEL IN THE "C" PORTION.

THE END OF THE PIPE CULVERT SHALL BE PLACED IN THE CONCRETE END SECTION SO THAT THE FLOW LINES ARE FLUSH. THE JOINT SHALL BE COMPLETELY FILLED WITH MORTAR.

IN 3:1 OR 4:1 FILL SLOPE, CHANGE TO THE SLOPE OF THE END SECTION IN A SMOOTH, PLEASING TRANSITION APPROXIMATELY 10'-0" IN LENGTH.

VARIATIONS IN DIMENSIONS - THE THICKNESS OF THE CONCRETE, THE POSITION OF STEEL, AND THE INTERNAL DIAMETER OF THE PIPE SHALL CONFORM WITH THE VARIATIONS IN DIMENSIONS AS PROVIDED IN THE SPECIFICATIONS FOR REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, A.S.T.M. DESIGNATION C-76.

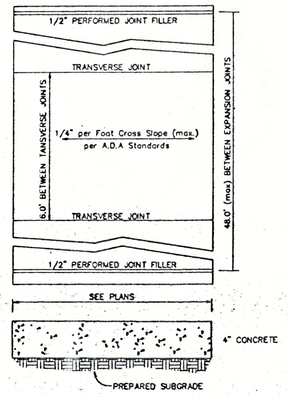
WHERE VITRIFIED CLAY CULVERT OR CAST IRON CULVERT PIPE IS USED, A "PIPE END SECTION" COMPARABLE TO THAT AS SHOWN FOR METAL OR CONCRETE SHALL BE FURNISHED AND SHALL BE AS APPROVED BY THE ENGINEER, EXCEPT IN AREAS OF ACID OR MINE WATER THEN THE USE OF METAL END SECTION IS PROHIBITED.

END SECTIONS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "PIPE END SECTION" COMPLETE IN PLACE AND ACCEPTED.

CONCRETE PIPE TOE ANCHORS SHALL BE REQUIRED ON ALL CONCRETE PIPE END SECTIONS. THE COST THEREOF SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "PIPE END SECTION."

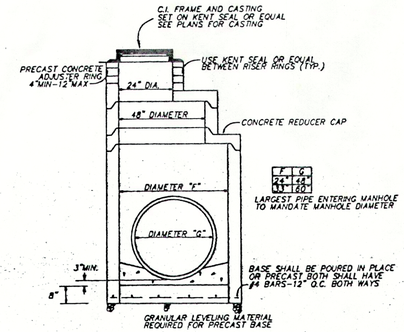
PRECAST CONCRETE END SECTION DETAIL

(NO SCALE)



TYPICAL SIDEWALK SECTION

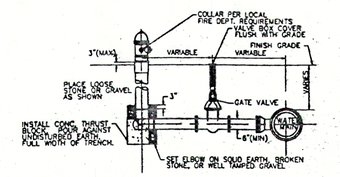
& JOINT DET. L (NO SCALE)



STORM MANHOLE DETAIL

PIPE SIZES 24" THRU 48" (NO SCALE)

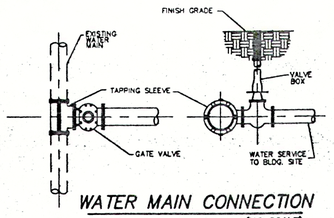
NOTE: WHEN HYDRANTS ARE SET IN BETWEEN THE CURB & SIDEWALK OR BETWEEN THE SIDEWALK & THE ABUTTING PROPERTY, THE TOP OF THE HYDRANT SHALL PROJECT OVER THE SIDEWALK. IF HYDRANT IS INSTALLED BEHIND THE CURB THE HYDRANT IS TO BE INSTALLED W/A STEAMER CAP 5'(MIN) BEHIND THE CURB.



HOSE AND PUMPER CONNECTIONS SHALL HAVE THE SAME TYPE AND NUMBER OF THREADS PER INCH TO MATCH THOSE OF THE LOCAL FIRE DEPARTMENT

FIRE HYDRANT

(NO SCALE)



WATER MAIN CONNECTION

(NO SCALE)

WEIHE ENGINEERS, INC.
10005 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 844-6611 FAX: (317) 843-0545
TELE-FAX: (800) 466-4065
ALLAN H. WEIHE, P.E., L.S. PRESIDENT
MICHAEL T. DeBOY, L.S. VICE - PRESIDENT
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

PROJECT NO.	97-0106
DWG. NAME:	9706DSC5.DWG
FIELD BY:	
DRAWN BY:	SMR-PRM
CHECKED BY:	SMR/PRM
DATE:	22 MARCH 98

DATE / DRAWN / BY

REVISIONS DATE / BY

FIELD BOOK: ???

PAGE ??-??

ALLAN H. WEIHE REGISTERED No. 8827 STATE OF INDIANA PROFESSIONAL ENGINEER

ALLAN H. WEIHE P.E. 8827

PREPARED FOR:

PENDLETON PLACE APARTMENTS

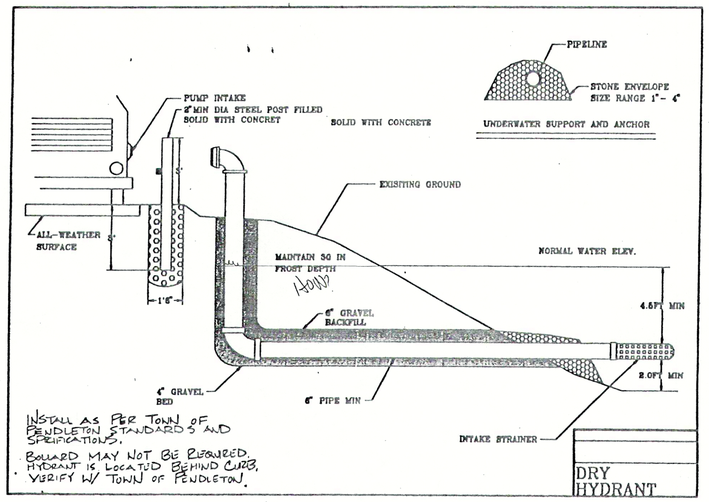
SHEEHAN CONSTRUCTION CO., INC.

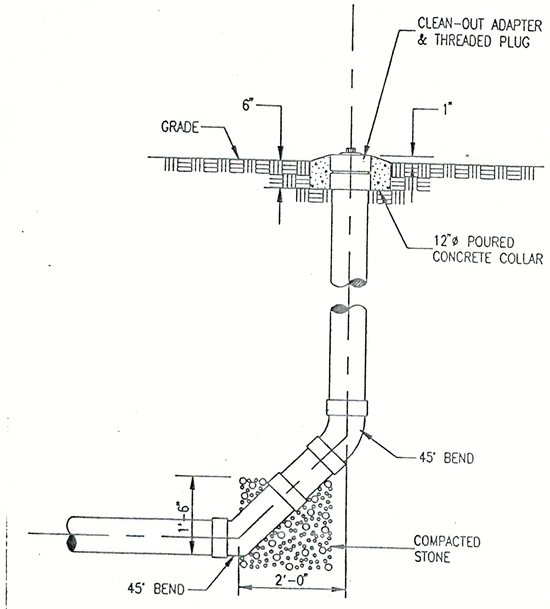
SITE DETAILS

Part of the NE/4, Section 18, Twp. 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

SHEET NO.

C5

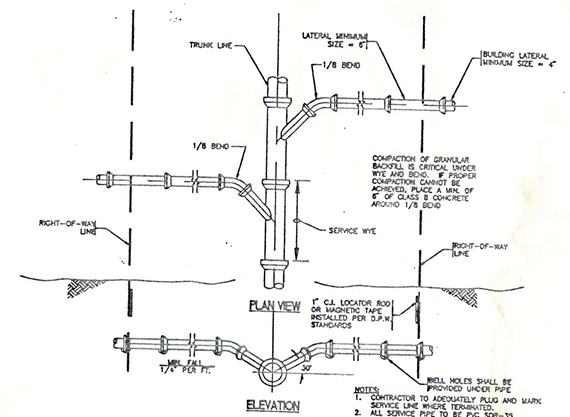




6 CLEANOUT - TYPE II
SCALE:

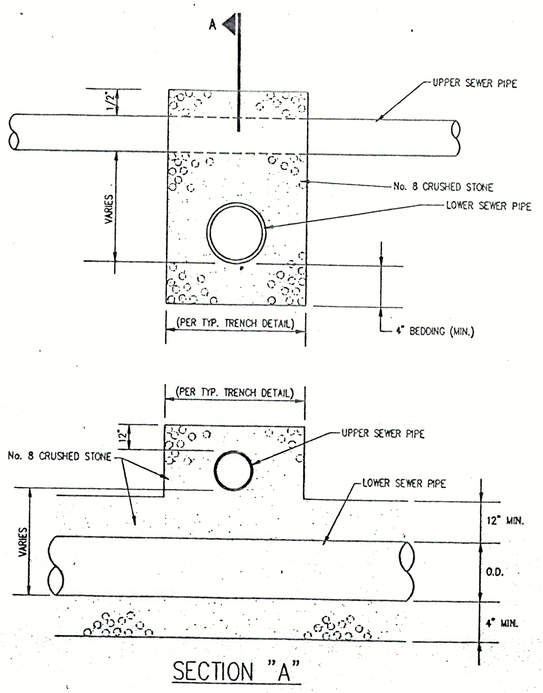
CD18.DWG
DISK: CD1

PAGE 18
DETAIL6

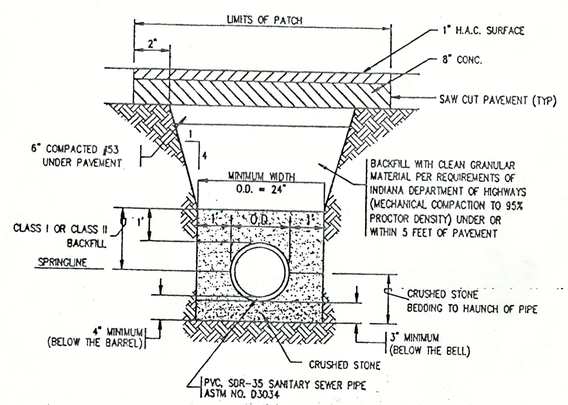


7 SERVICE CONNECTION DETAIL
NOT TO SCALE

CD5.DWG
DISK: CD2

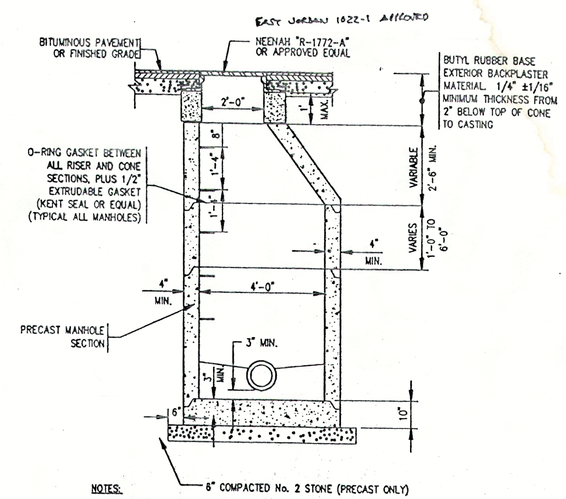


1 STORM SEWER/SANITARY SEWER CROSSING DETAIL
SCALE: N.T.S.



NOTES:
1. BITUMINOUS PAVEMENT TACK COAT SHALL BE PLACED BETWEEN THE #53 STONE SURFACE AND ALONG THE SAW CUTS.
2. THIS SECTION USED FOR ALL PAY ITEMS.

TYPICAL TRENCH AND PAVEMENT PATCH DETAIL
SCALE: N.T.S.



NOTES:
1. MANHOLE STEPS SHALL BE POLYPROPYLENE, POLYPROPYLENE COATED STEEL REINFORCING OR APPROVED NON-CORROSIVE FIBERGLASS MATERIAL. COPOLYMER POLYPROPYLENE SHALL MEET ASTM D-4101 REINFORCED WITH DEFORMED 3/8" STEEL MEETING ASTM A-615, GRADE 60.
2. MANHOLE CONFORMS TO ASTM C-478
JOINT CONFORMS TO ASTM C-443

3 SANITARY MANHOLE
SCALE: N.T.S.

WEIHE ENGINEERS, INC.
LOGAN NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46250
(317) 849-0046 FAX: 849-0048
TOLL FREE (800) 432-0048
ALLAN H. WEIHE, P.E., L.S. PRESIDENT
MICHAEL L. DeBOY, L.S. VICE - PRESIDENT
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

DATE	BY	REVISIONS
-	-	-

PROJECT NO. 98-0035
DWG NAME: WRDGDWG1.DWG
DRAWN BY: C. Kincaid
SHEET BY: SMR/PRM
CHECKED BY: SMR/PRM
DATE: 22 MARCH 98
FIELD BOOK: 777
PAGES: 77-77

ALLAN H. WEIHE REGISTERED No. 8827 STATE OF INDIANA PROFESSIONAL ENGINEER
ALLAN H. WEIHE P.E. 8827

PREPARED FOR:
PENDLETON PLACE APARTMENTS
SHEEHAN CONSTRUCTION CO., INC.
TOWN OF PENDLETON STANDARD DETAILS
Part of the NE/4, Section 18, Twp. 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

SHEET NO.
C6

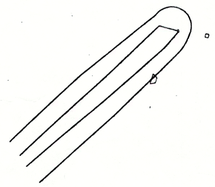
PLANT SCHEDULE									
PLAN KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	ROOT CONDITION B & B	BARE	CONT	ON CENTER SPACING	SPECIAL INSTRUCTIONS
OGM	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY MAPLE	2" CALIPER	3	X			28' O.C.	
NM	ACER PLATANOIDES	NORWAY MAPLE	2" CALIPER	13	X			28' O.C.	
BP	PYRUS CALLERYANA 'BRADFORD'	BRADFORD PEAR	2" CALIPER	26	X			28' O.C.	
BB	EUONYMOUS ALATA 'COMPACTA'	BURNING BUSH	18"-24" SPREAD	68	X			3' O.C.	
WY	TAXUS MEDIA 'WARDII'	WARD'S YEW	12" SPREAD	57			X	3' O.C.	
BAY	MYRICA PENSYLVANICA	BAYBERRY	15" SPREAD	19	X			2' O.C.	
MP	PINUS MUGO	MUGO PINE	15" HEIGHT	96			X	4' O.C.	
RJC	MALUS 'RED JADE'	RED JADE CRAB	3/4"-1" CALIPER	18	X			2' O.C.	
NS	PICEA ABIES	NORWAY SPRUCE	6'-8' HEIGHT	73	X			4' O.C.	
AP	PINUS NIGRA	AUSTRIAN PINE	6'-8' HEIGHT	21	X			2' O.C.	
GFS	SPREA BUMALDA 'GOLD FLAME'	GOLD FLAME SPIREA	18" SPREAD	36			X	O.C.	
SC	MALUS SARGENTII	SARGENT CRAB	3/4"-1" CALIPER	8	X			2' O.C.	
RGB	BERBERIS THUNBERGI 'ROSEY GLOW'	ROSEY GLOW BARBERRY	15" SPREAD	30			X	4' O.C.	
RSM	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	2" CALIPER	11	X			2' O.C.	

PLAN NOTES:

1. LINE OF MULCH EDGE
2. NOT USED

LANDSCAPE NOTES

1. WORK SHOWN ON THIS SHEET SHALL BE DONE BY A LANDSCAPE CONTRACTOR WHO IS A MEMBER IN GOOD STANDINGS OF THE INDIANA ASSOCIATION OF NURSERYMEN.
2. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING BEFORE THE BID DATE OF ANY PLANTS THAT THEY FEEL MAY NOT SURVIVE IN LOCATIONS AS SHOWN ON THE PLAN.
3. REFER TO C1 FOR EROSION CONTROL.
4. ALL LANDSCAPING TO BE PLACED IN PHASE 1 WITH THE EXCEPTION OF BUILDING LANDSCAPING AROUND PHASE 2 BUILDINGS AND PHASE 2 DUMPSTER.
5. SOD ENTIRE SITE - OPTION SOD BANK OF POND, FRONT AND SIDE OF EACH BUILDING AND SEED THE REMAINING SITE. (TEMPORARY SEED ALL EFFECTED AREAS OF PHASE 2)



SCHEDULE NOTES:

PLANTS SHALL MEET OR EXCEED THE STANDARDS AS DESCRIBED IN ANSI Z60.1 (LATEST EDITION) PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

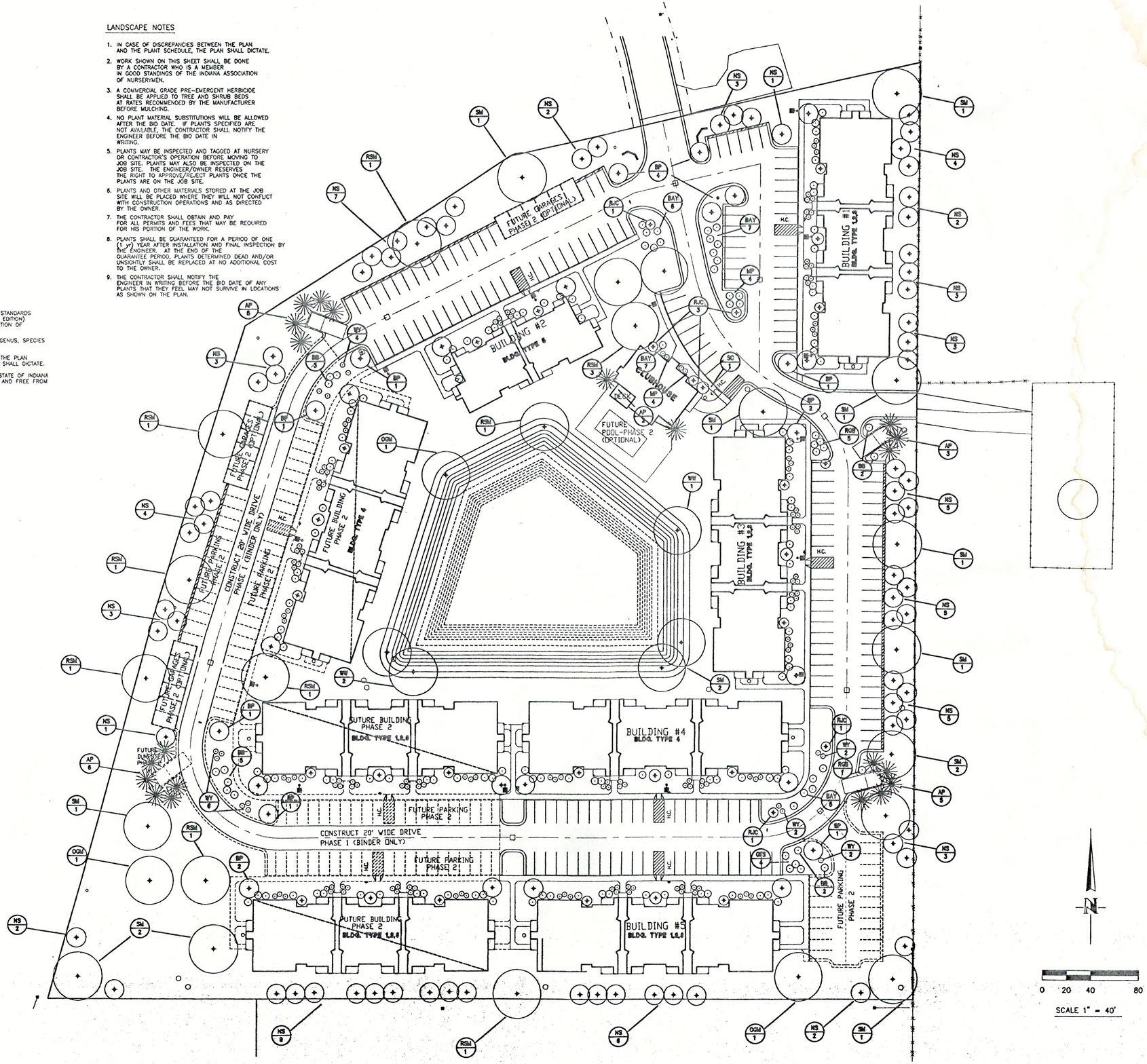
PLANTS SHALL BEAR A TAG SHOWING GENUS, SPECIES AND VARIETY.

IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT SCHEDULE, THE PLAN SHALL DICTATE.

PLANTS SHALL BE CERTIFIED BY THE STATE OF INDIANA DEPARTMENT OF NATURAL RESOURCES AND FREE FROM DISEASE OR HAZARDOUS INSECTS.

LANDSCAPE NOTES

1. IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT SCHEDULE, THE PLAN SHALL DICTATE.
2. WORK SHOWN ON THIS SHEET SHALL BE DONE BY A CONTRACTOR WHO IS A MEMBER IN GOOD STANDINGS OF THE INDIANA ASSOCIATION OF NURSERYMEN.
3. A COMMERCIAL GRADE PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO TREE AND SHRUB BEDS AT RATES RECOMMENDED BY THE MANUFACTURER BEFORE MULCHING.
4. NO PLANT MATERIAL SUBSTITUTIONS WILL BE ALLOWED AFTER THE BID DATE. IF PLANTS SPECIFIED ARE NOT AVAILABLE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE THE BID DATE IN WRITING.
5. PLANTS MAY BE INSPECTED AND TAGGED AT NURSERY OR CONTRACTOR'S OPERATION BEFORE MOVING TO JOB SITE. PLANTS MAY ALSO BE INSPECTED ON THE JOB SITE. THE ENGINEER/OWNER RESERVES THE RIGHT TO APPROVE/REJECT PLANTS ONCE THE PLANTS ARE ON THE JOB SITE.
6. PLANTS AND OTHER MATERIALS STORED AT THE JOB SITE WILL BE PLACED WHERE THEY WILL NOT CONFLICT WITH CONSTRUCTION OPERATIONS AND AS DIRECTED BY THE OWNER.
7. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES THAT MAY BE REQUIRED FOR HIS PORTION OF THE WORK.
8. PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1 yr) YEAR AFTER INSTALLATION AND FINAL INSPECTION BY THE ENGINEER. AT THE END OF THE GUARANTEE PERIOD, PLANTS DETERMINED DEAD AND/OR UNSIGHTLY SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING BEFORE THE BID DATE OF ANY PLANTS THAT THEY FEEL MAY NOT SURVIVE IN LOCATIONS AS SHOWN ON THE PLAN.



WEIHE ENGINEERS, INC.
10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-6611 FAX: (317) 843-0546
TOLL-FREE (800) 452-6409
ALLAN H. WEIHE, P.E., L.S. PRESIDENT
DAVID L. DuBOY L.S. VICE - PRESIDENT
CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

REVISIONS	DATE	BY
1.		
2.		

PROJECT NO: 96-0038
DRAWN BY: DRC/CAD/TZ ZONE
FIELD BY: G. Kendall
DESIGN BY: Tim
CHECKED BY: SAR/PMB
DATE: 22 MARCH 99
FIELD BOOK: ???
PAGE: ??-??

ALLAN H. WEIHE REGISTERED No. 8827 STATE OF INDIANA PROFESSIONAL ENGINEER

ALLAN H. WEIHE P.E. 8827

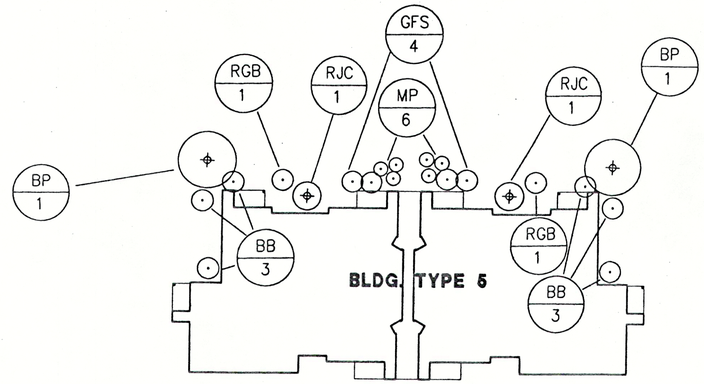
PREPARED FOR:
SHEEHAN CONSTRUCTION CO., INC.

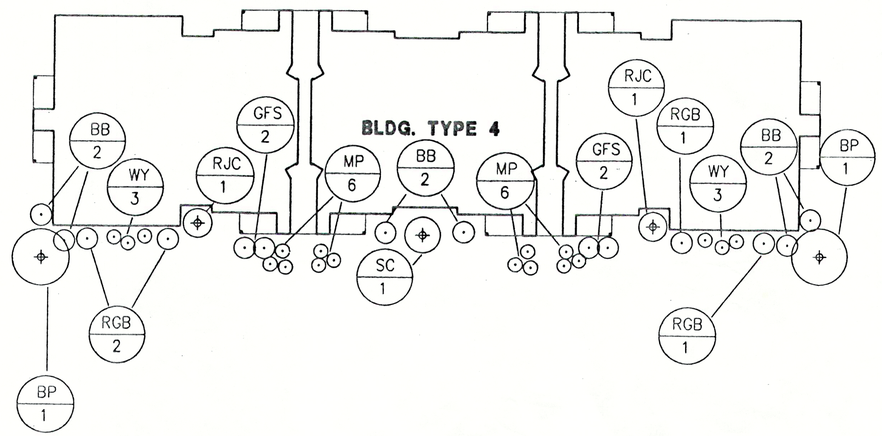
PENDLETON PLACE APARTMENTS

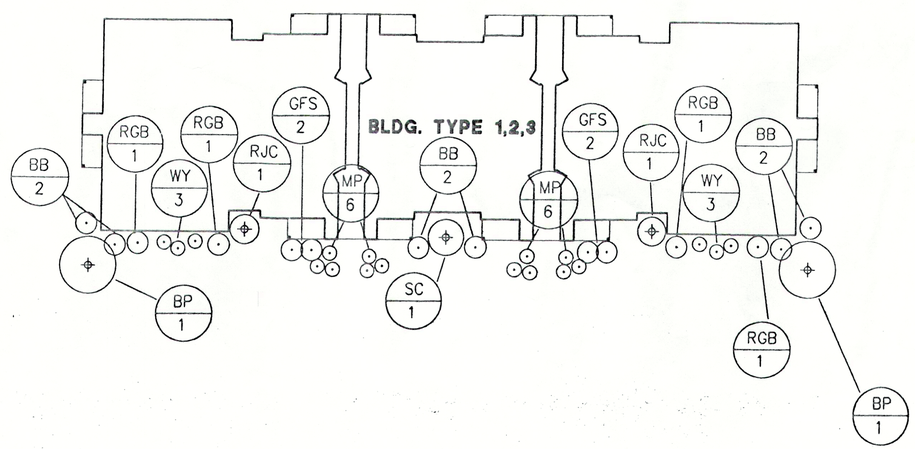
LANDSCAPE PLAN

Part of the NE/4, Section 18, Twp. 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

SHEET NO.
C7







SCALE: 1"=20'

0 10 20 40'

PREPARED FOR:

PENDLETON PLACE APARTMENTS

SHEEHAN CONSTRUCTION CO., INC.

TYPICAL BUILDING LANDSCAPE PLAN

Part of the NE/4, Section 15, Twp. 18 North, Range 7 East, Fall Creek Twp., Madison County, Indiana

SHEET NO.

C8

WEIHE ENGINEERS, INC.

10505 NORTH COLLEGE AVENUE
INDIANAPOLIS, INDIANA 46280
(317) 846-4011 FAX: (317) 843-0548
TOLL-FREE (800) 455-6449

ALLAN H. WEIHE, P.E., L.S.
PRESIDENT
MICHAEL L. DeBOY, L.S.
VICE - PRESIDENT

CIVIL ENGINEERS • LAND SURVEYORS • LAND PLANNERS • LANDSCAPE ARCHITECTS

REVISIONS	DATE	BY
1	-	-

PROJECT NO.: 95-0036
DWG. NAME: 95-0036C.DWG
FIELD BY: C. Kendall
DRAWN BY: SMR/PRM
CHECKED BY: SMR/PRM
DATE: 23 MARCH 98
PAGE: T1-T7
FIELD BOOK: T77

ALLAN H. WEIHE REGISTERED No. 8827 STATE OF INDIANA PROFESSIONAL ENGINEER

ALLAN H. WEIHE P.E. 8827