Drain: <u>Westfield Business park PA</u>	<u>/////////////////////////////////////</u>			
lmprovement/Arm: کلیا دعمهمیں	LOTONS BUSINESS MIK-SECTION Z			
Operator: JoH	Date: 8-/0-09			
Drain Classification: Urbai	n/Rural Year Installed: ////			

GIS Drain Input Checklist

•	Pull Source Documents for Scanning	971
•	Digitize & Attribute Tile Drains	NS
•	Digitize & Attribute Storm Drains	gro
•	Digitize & Attribute SSD	998
•	Digitize & Attribute Open Ditch	MA
•	Stamp Plans	gn
•	Sum drain lengths & Validate	gn
•	Enter Improvements into Posse	gro
•	Enter Drain Age into Posse	
•	Sum drain length for Watershed in Posse	usan samuel and a
•	Check Database entries for errors	M

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: WESTHEW BUSINESS PARK MANI-SUNCEMMUNICARMS BUSINESS PARK-SECTION Z

		Length Suzukiwa KKADRI	Length	Length	earailleara	
Orain Type:	Size:	- l	(DB Query)	Reconcile	Price:	Cost:
550	yn	340'	340'	Ø	Z,00	2152,00
RCP	184	395'	395'	16	10,50	#2,52,00 4,147,50
						
·					37-14W4W	
	Sum:	735'	735	_ Ø		6,299.50
				,		
Final Report:						
Comments:			,			
 						
				** *.* * ***		





Kenton C. Ward, Surveyor

776=9626

942 Maple Avenue Noblesville, Indiana 4888 vember 15, 1991

TO: Hamilton County Drainage Board

RE: Sun Communications Business Park, Phase II Arm to the Westfield Park Drain

Attached is a petition, plans and assessment roll for the Sun Communications Business Park, Phase II Arm to the Westfield Park Drain.

I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefitted. The drain will consists of the following:

6" SSD 340 feet 18" RCP 395 feet The total length of the drain will be 735 feet.

The maintenance responsibility for the detention areas will be upon the Owners of the Tract. The maintenance of the inlets and outlets for the detention areas will be part of the regulated drains.

The area of the proposed business Park is currently being assessed a maintenance assessment of \$5.00 per lot, \$5.00 per acre for roadways, with a \$50.00 minimum. I recommend the assessment remain the same.

Non-enforcement requests will be submitted for approval upon approval for each site because the Park will be sold by metes and bounds descriptions. If at some time a plat is proposed, a non-enforcement request will be submitted for the plat.

I recommend a hearing be set for January 1992.

Kenton C. Ward

Hamilton County Surveyor

KCW/no

STATE OF INDIANA)
COUNTY OF HAMILTON)

TO: HAMILTON COUNTY DRAINAGE BOARD
% Hamilton County Surveyor, Courthouse, Noblesville, IN 46060

In the matter of Sun Communications Business Park SANALYMENAN,
Section Phase II Drain Petition.

Petitioner is the owner of all lots in the land affected by the proposed new regulated drain. The drainage will affect various lots in Sun Communications development development, a SANGENTAL IN Hamilton County, Indiana. The general route of such drainage shall be in existing easements and along public roads as shown in the plans on file in the Surveyor's Office.

Petitioner believes that the cost, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land likely to be benefited thereby. Petetioner believes the proposed improvements will:

- (a) improve public health
- (b) benefit a public street
- (c) be of public utility

Petitioner agrees to pay the cost of construction of the drainage system and requests periodic maintenance assessments by the Board thereafter.

The Petitioner also agrees to the following:

- 1. To provide the Drainage Board a Performance Bond for the portion of the drainage system which will be made a regulated drain. The bond will be in the amount of 100% of the Engineers estimate. The bond will be in effect until construction of 100% of the system is completed and so certified by the Engineer.
- 2. The Petitioner shall retain an Engineer throughout the construction phase. At completion of the project the Petitioner's Engineer shall certify that the drainage system which is to be maintained as a regulated drain has been constructed as per construction plans.

- 3. The Petitioner agrees to request in writing to the County Surveyor any changes from the approved plan and must receive written authorization from the County Surveyor prior to implementation of the change. All changes shall be documented and given to the Surveyor to be placed in the Drain File.
- 4. The Petitioner shall instruct his Engineer to provide a reproducable print on a 24" x 36" mylar of the final design of the Drainage System. This shall be submitted to the County Surveyor prior to the release of the Performance Bond.
- 5. The Petitioner shall comply with the Erosion Control Plan as as specified on the construction plans. Failure to comply with the Erosion Control Plan shall be determined by the Board as being an obstruction to the drainage system. The County Surveyor shall immediately install or repair the needed measures at Petitioners cost as per IC 36-9-27-46.

The Petitioner further requests that the Drain be classified as an Urban Drain.

Sishand & Gogen h
Š i gned
Richard K. Rogers, Jr.
Printed Name
(James) Inogen
Signed
James D. Rogers
Printed Name
RECORDED OWNER(S) OF LAND INVOLVED
DATE

Notice is hereby given of the Hearing of the Hamilton County Drainage Board on the Westfield Park Drain, on January 21 1992 , at 9:10 A.M. in the Commissioners's Court, 3rd floor, in the Hamilton County Courthouse, Noblesville, Indiana and which the Maintenance Report of the Surveyor and the Schedule

of Assessments made by the Drainage Board have been filed and are

available for public inspection in the office of the Hamilton

HAMILTON COUNTY DRAINAGE BOARD

ATTEST; Administrative Secretary

County Surveyor.

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD IN THE MATTER OF THE

Westfield Park

DRAIN

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this Code within twenty (20) days from the date of this publication, the order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

Nancy Ellen Oldham-Secretary

One Time Only





Kenton C. Ward, Surveyor

Suite 146

776-8495

One Hamilton County Square Noblesville, Indiana 46060~2230

June 8, 1995

TO: Hamilton County Drainage Board

RE: Westfield Park Drain

Sun Communications Business Park Arm II

Attached are as-builts, certificate of completion & compliance, and other information for Sun Communications Business Park 2. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain which did not alter the plans submitted with my report for this drain dated November 15, 1991. The changes are as follows: *Note-15' was vacated of Sun Communications Business Park Arm 1 between structure 603 to 604-shown on page 5 of as-builts. Pipe between structure 601 to 602 was enlarged to 21" RCP.

*The length of the drain due to the changes for Sun Communications Arm 1, makes the drain 864 feet Fox Serios \

During construction of the drain there were not any significant changes to Arm II made to the plans submitted with my report dated November 15, 1991. Therefore, the length of the drain remains at 735 feet.

Non-enforcement request are to made on a site by site basis.

I recommend the Board approve the drains construction as complete and acceptable.

Sincefely,

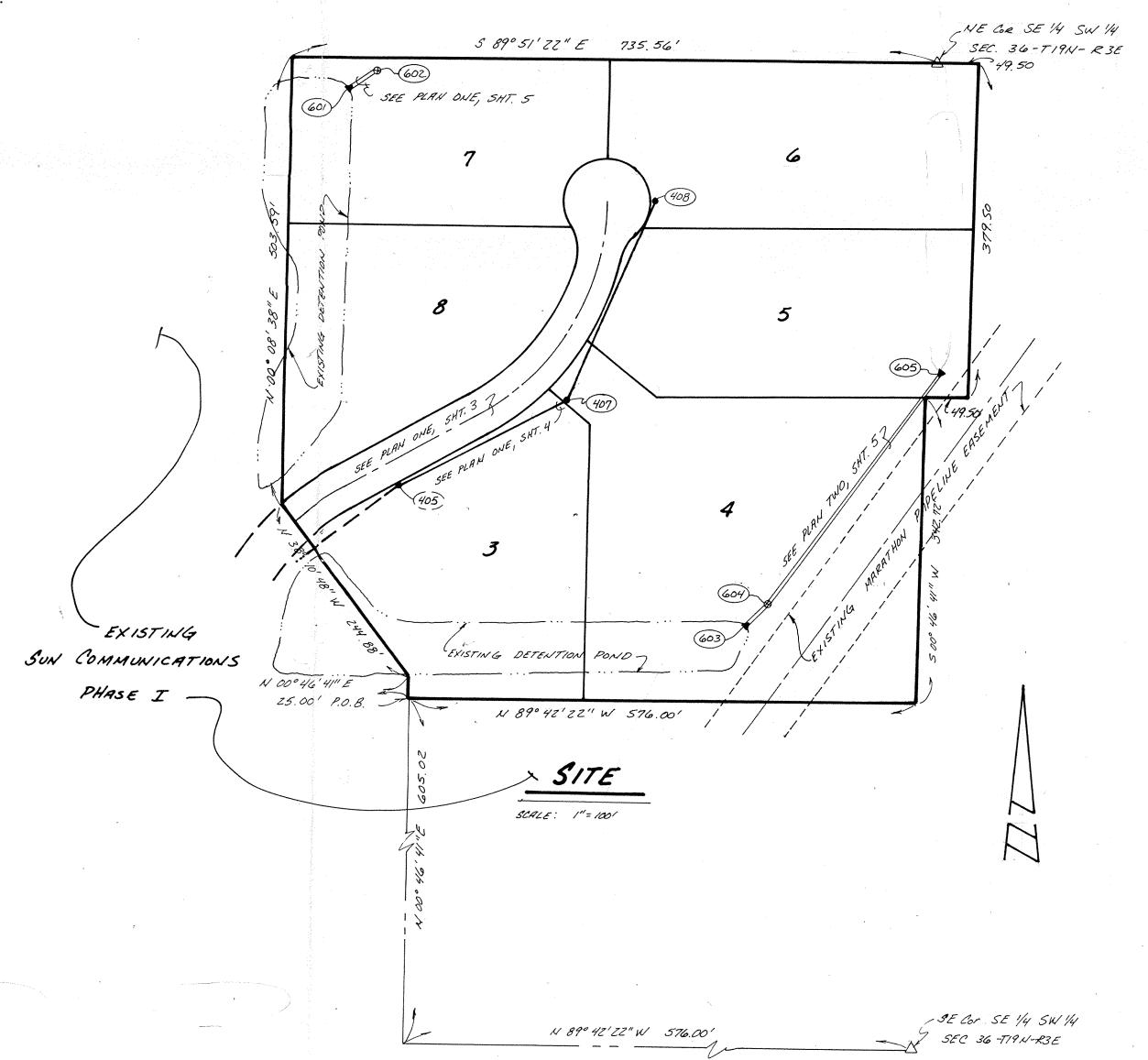
Kenton C. Ward. This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilton Co. Square, Ste. 188, Noblesville, In 46060 Hamilton County Surveyor

KCW/sh

CONSTRUCTION PLANS FOR SUN COMMUNICATIONS PHASH

A part of the Southeast Quarter of the Southwest Quarter of Section 36, Township 19 North, Range 3 East, located in Washington Township, Hamilton County, Indiana, described as

Start at the Southeast Corner of said Quarter Quarter Section; thence along the South line thereof North 89 degrees 42 minutes 22 seconds West (assumed bearing) 576.00 feet; thence parallel with the East line of said Quarter Quarter Section North 00 degrees 46 minutes 41 seconds East 605.02 feet to the Point of Beginning; thence continuing North 00 degrees 46 minutes 41 seconds East 25.00 feet; thence North 38 degrees 10 minutes 48 seconds West 244.88 feet; thence North 00 degrees 08 minutes 38 seconds East 503.59 feet to the North line of said Quarter Quarter Section; thence along said North line South 89 degrees 51 minutes 22 seconds East 735.56 feet to the Northeast Corner of said Quarter Quarter Section; thence run East 3 rods to the West line of the right of way of the Chicago, Indianapolis and Louisville Railroad (Monon); thence South along the right of way of said railroad 23 rods to 100.00 feet North of the stock pens; thence West 3 rods to the East line of said Quarter Quarter Section; thence along said East line South 00 degrees 46 minutes 41 seconds West 331.23 feet to a point 605.02 feet North of the Southeast Corner of said Quarter Quarter Section; thence North 89 degrees 42 minutes 22 seconds West 576.00 feet parallel with the South line of said Quarter Quarter Section to the place of beginning containing 12.12 acres more or less and subject to all legal highways, rights of way and easements.



SITE WORK GENERAL NOTES AND SPECIFICATIONS NOTICES AND PERMITS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY,

COUNTY AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION. B. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT

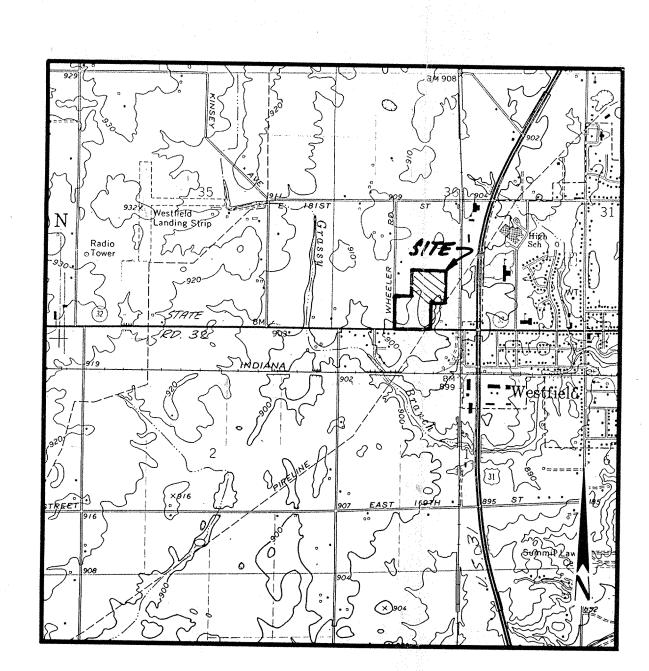
LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.

C. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.

D. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER AND CONTRACTOR TO MAINTAIN QUALITY CONTROL THROUGHOUT THE PROJECT; FAILURE TO DO SO MAY RESULT IN REMOVAL AND REPLACEMENT OF THE DEFECTIVE WORK. IT IS RECOMMENDED THAT THE DEVELOPER HAVE A QUALIFIED INSPECTOR ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.

E. IT IS ESSENTIAL THAT THE WORK TO BE DONE IN CONJUNCTION WITH THIS PROJECT SHALL BE INSTALLED ACCORDING TO THESE SPECIFICATIONS. THE ENGINEER WILL BE REQUIRED TO CERTIFY TO CERTAIN PORTIONS OF THIS PROJECT UPON COMPLETION. THEREFORE, IT IS NECESSARY TO OBTAIN APPROVAL AND ACCEPTANCE BY THE CITY THAT CONSTRUCTION WAS DONE IN COMPLIANCE WITH THESE PLANS AND SPECIFICATIONS.

F. In order to better locate the utilities once construction is complete, the contractor shall brand the well curb with a branding iron that corresponds to each type of utility; S-sewer, W-water and D-drainage.



LOCATION MAP

SCALE: 1'' = 2000'

INDEX

DESCRIPTION

COVER SHEET SITE DEVELOPMENT PLAN STREET PLAN & PROFILE SANITARY PLAN & PROFILE

STORM SEWER PLANG PROFILE STANDARD DETAILS STANDARD SPECIFICATIONS EROSION CONTROL PLAN

BENCHMARKS

- 1. TOP CASTING SANITARY MANHOLE, 90' EAST OF REMAINS OF LOUISVILLE & NASHVILLE RAILROAD ELEV.= 902.30
- (EAST SIDE) NORTH SIDE OF STATE ROAD 32 OPPOSITE NEW ENTRANCE TO SOUTH.

REVISIONS

2-26-91 ADDED STORM & SANITARY AS-BUILT INFO

APR 12 1991 OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFIED BY REVISIONS Mustople Levie 5-21-90 DATE

PAUL I. CRIPE, INC. 7172 GRAHAM ROAD
INDIANA 46250
INDIANA 46250
[317] 842 - 6777

• CIVIL ENGINEERING
• LAND SURVEYING . ARCHITECTURE DFTNG. CHK. DRAWING TITLE

DRAWN BY

DATE NOTED

SUN COMMUNICATIONS COVER SHEET

FILE NUMBER SHEET

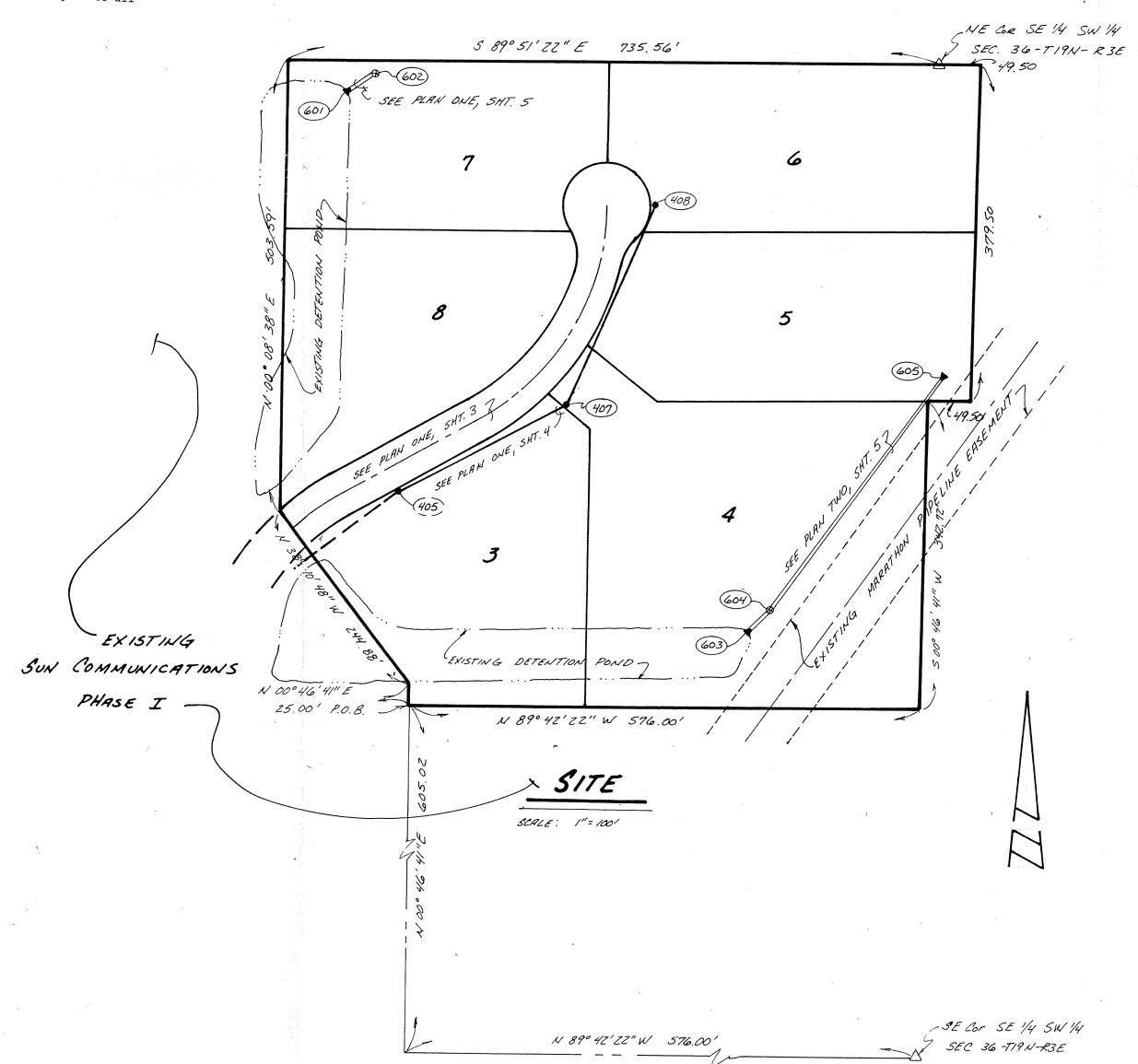
JOB NUMBER

87491-20220 OF 8

CONSTRUCTION PLANS FOR SUN COMMUNICATIONS

A part of the Southeast Quarter of the Southwest Quarter of Section 36, Township 19 North, Range 3 East, located in Washington Township, Hamilton County, Indiana, described as

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NOTICES AND PERMITS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, OR VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.

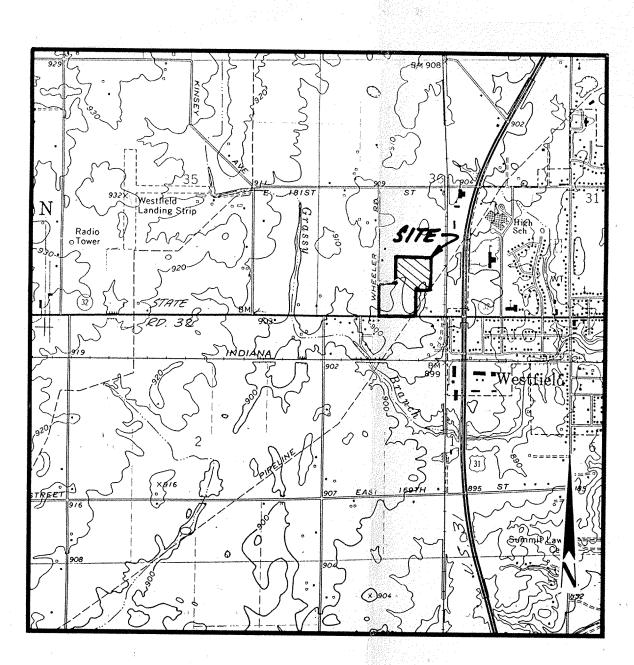
B. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.

C. IT SHALL BE THE CONTRACTORS RESPONSIBILITY FOR NOTIFICATION AND COORDINATION OF ALL CONSTRUCTION WITH RESPECTIVE UTILITY COMPANIES.

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E. IT IS ESSENTIAL THAT THE WORK TO BE DONE IN CONJUNCTION WITH THIS PROJECT SHALL BE INSTALLED ACCORDING TO THESE SPECIFICATIONS. THE ENGINEER WILL BE REQUIRED TO CERTIFY TO CERTAIN PORTIONS OF THIS PROJECT UPON COMPLETION. THEREFORE, IT IS NECESSARY TO OBTAIN APPROVAL AND ACCEPTANCE BY THE CITY THAT CONSTRUCTION WAS DONE IN COMPLIANCE WITH THESE PLANS AND SPECIFICATIONS.

F. In order to better locate the utilities once construction is complete, the contractor shall brand the wet curb with a branding iron that corresponds to each type of utility; S-sewer, W-water and D-drainage.



LOCATION MAP

SCALE: 1'' = 2000'

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2. SMALL HINGE NAIL IN POWER POLE (EAST SIDE) NORTH SIDE OF STATE ROAD 32 OPPOSITE NEW ENTRANCE TO SOUTH.

REVISIONS

2-26-91 ADDED STORM & SANITARY AS-BUILT INFO

FILED

APR 12 1991 OFFICE OF HAMILTON COUNTY SURVEYOR

CERTIFIED BY

Rusople Pleshie 5-21-90 DATE

REVISIONS 2,

PAUL I. CRIPE, INC.

CIVIL ENGINEERING • LAND SURVEYING

DRAWN BY 215

SCALE

SUN COMMUNICATIONS

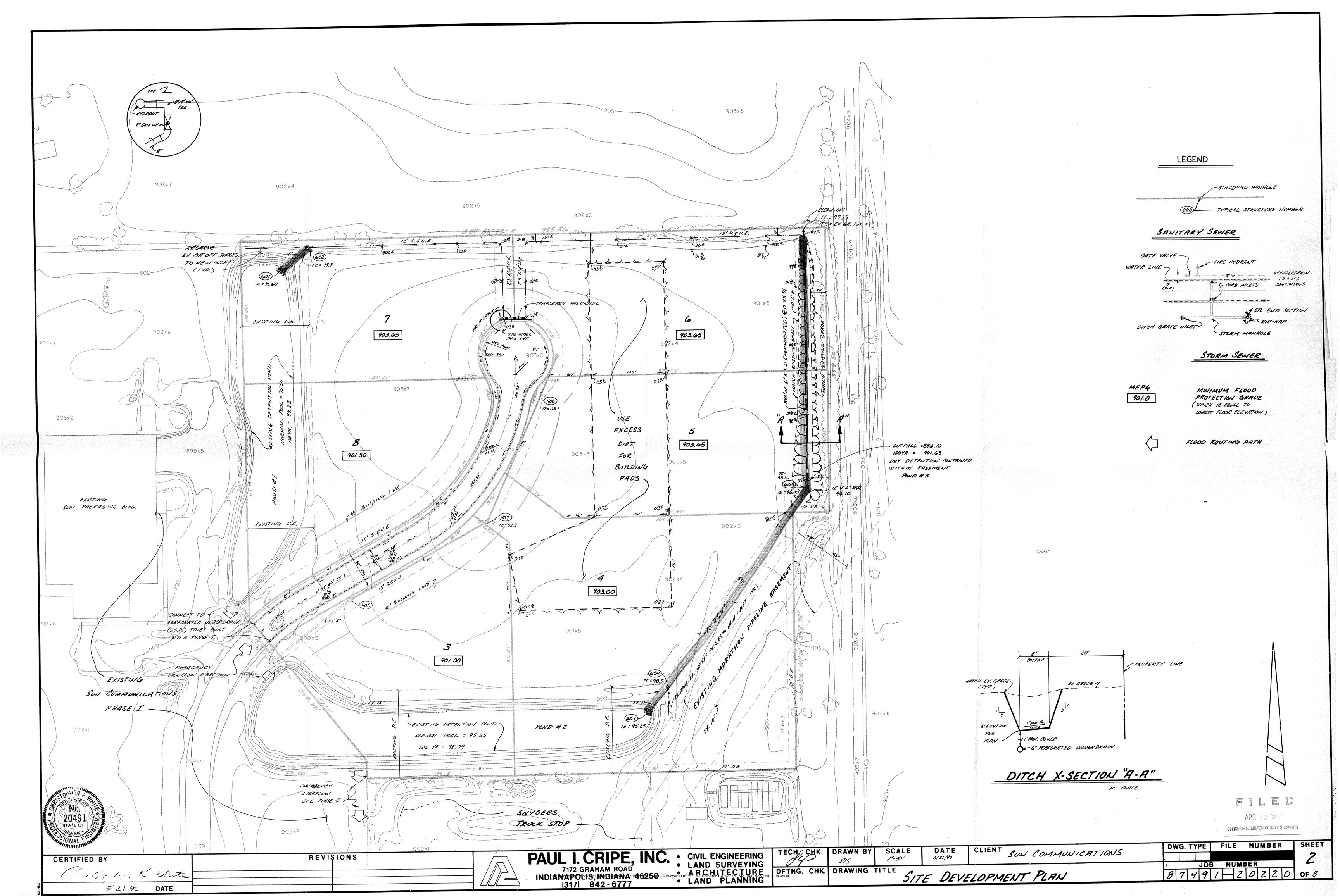
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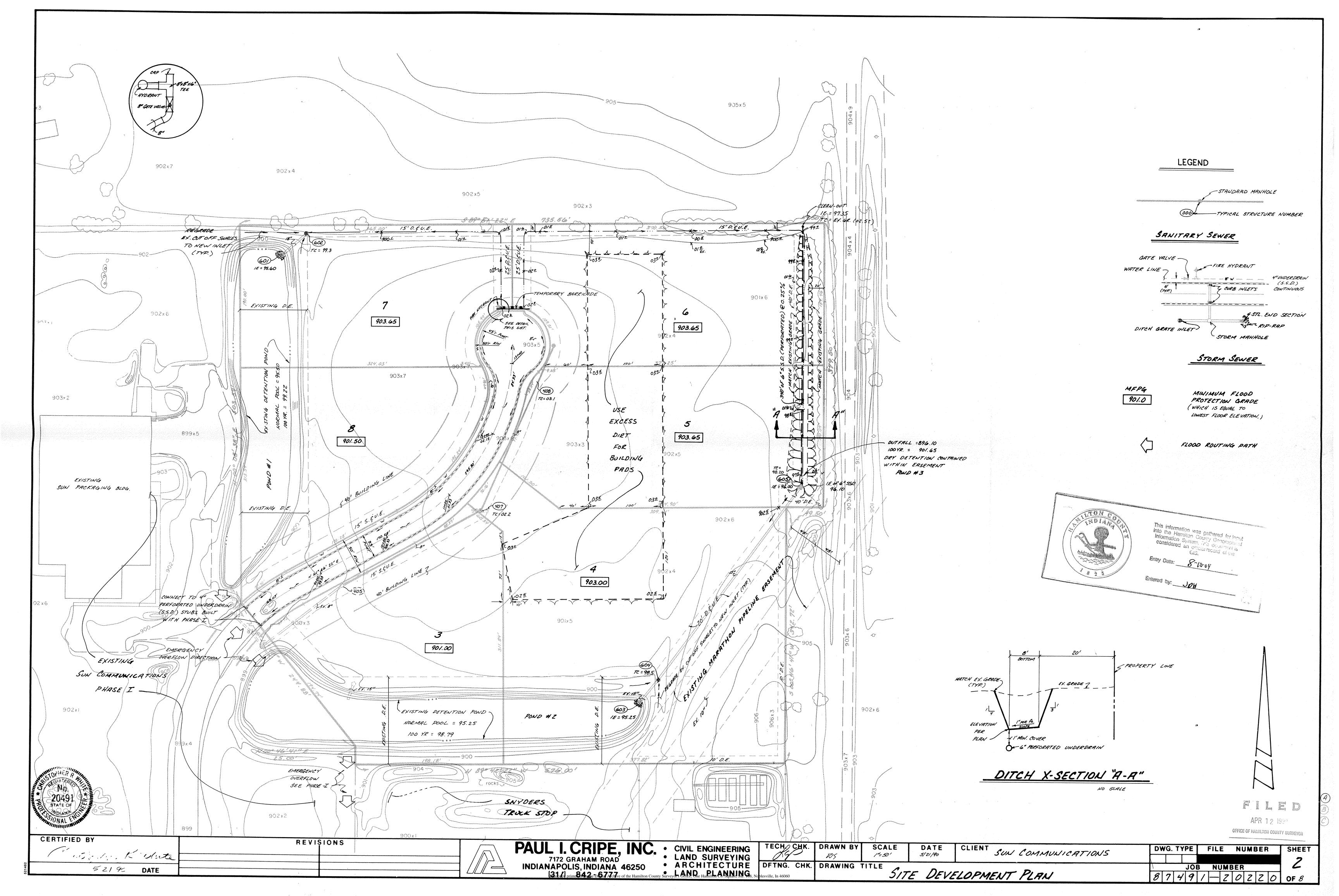
SHEET JOB NUMBER 87491-20220 OF 8

7172 GRAHAM ROAD INDIANA COLIS, INDIANA 46250 G [317] 842-6777 • ARCHITECTURE DFTNG. CHK. DRAWING TITLE

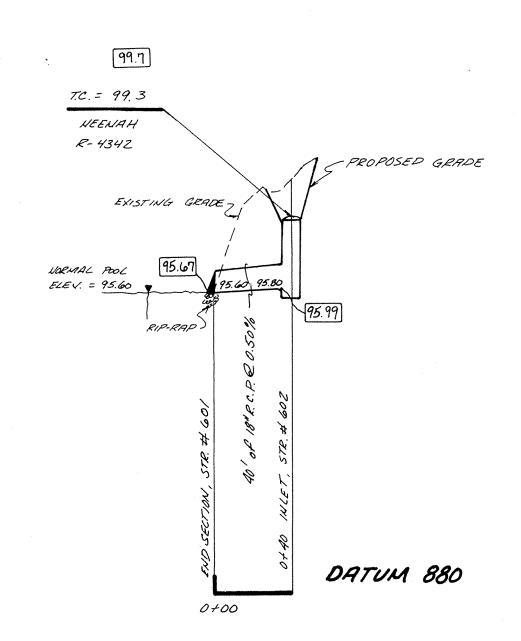
ty Surveyor's Office: One Hamilton Co. Square, Ste. 188, Noblesville, In 46060

PLANNING COVER SHEET

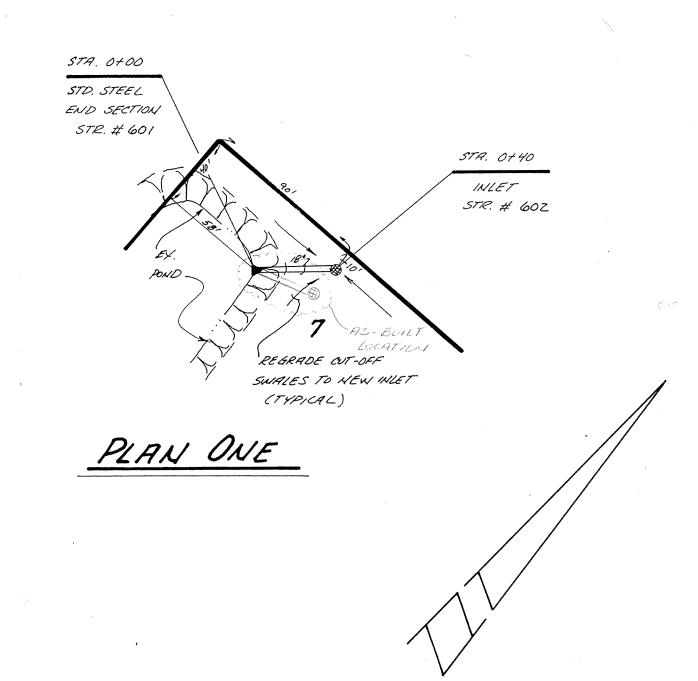


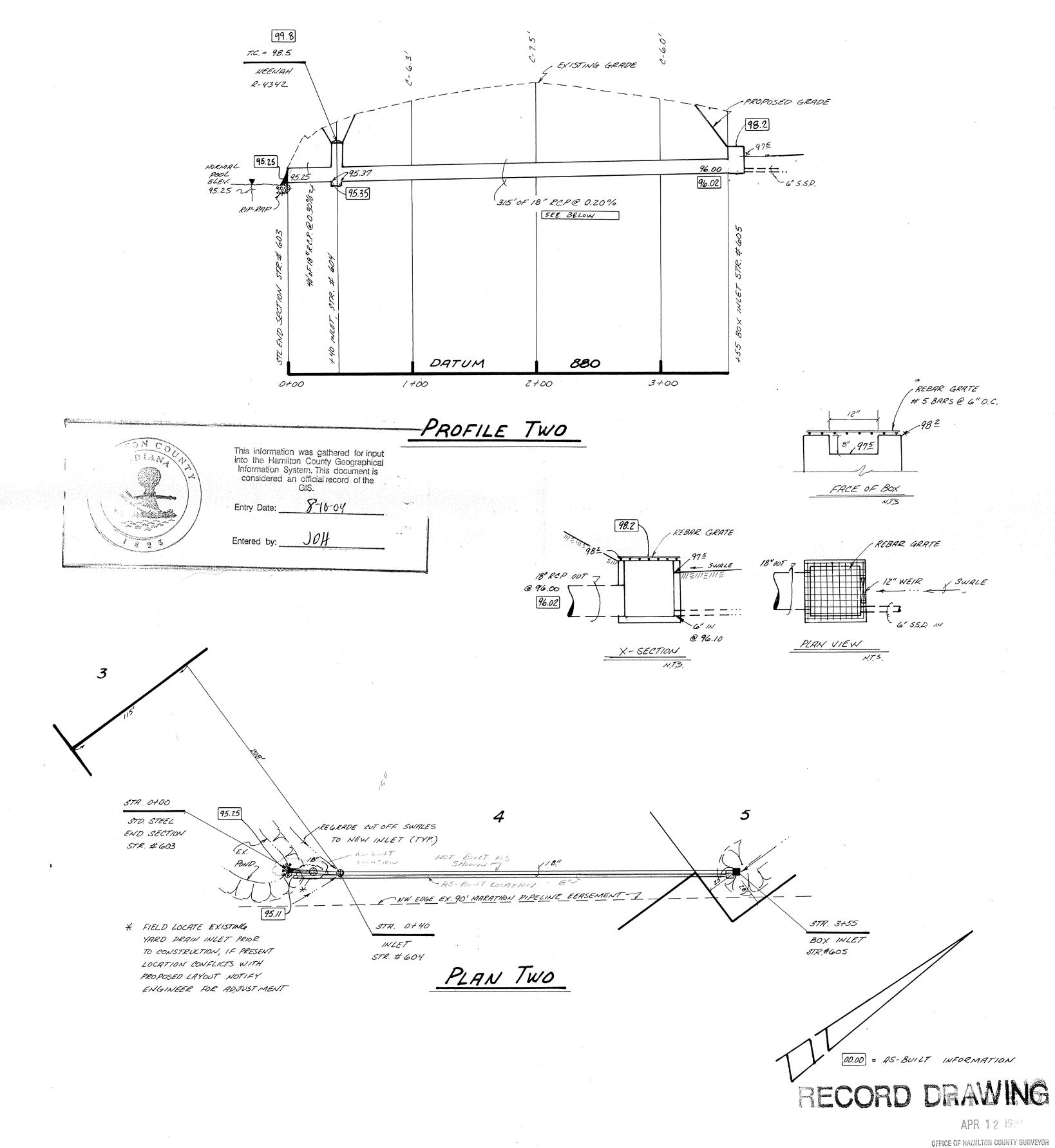


NOTE: CUTS SHOWN ARE APPROXIMATE, TAKEN FROM EXISTING GRADE TO INVERT OF PROPOSED PIPE. FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS.



PROFILE ONE







CERTIFIED BY REVISIONS hustople Ruhite 2-26-91 ADDED AS-BUILT NOFO 5-21-90 DATE

PAUL I. CRIPE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
[317] 842-6777

SCALE VERT: 1"=5" HORZ: 1"=50 TECHO CHK. • CIVIL ENGINEERING
• LAND SURVEYING
• ARCHITECTURE

Inty Surveyork OğuND Hample ANN ING, Not lesville, In 46060

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DATE 5/21/90

SUN COMMUNICATIONS

JOB NUMBER

STORM SEWER PLANÉ PROFILE

FIELD ADJUSTMENT BY ENGINEER MAY BE REQUIRED AT ALL OUTFALL POINTS TO INSURE PROPER OUTFALL CONDITIONS. 99.7 T.C. = 98.5 T.C. = 99.3 EXISTING GRADE NEENAH NEENAH R-4342 R-4342 PROPOSED GRADE PROPOSED GRADE NORMAL ELEV. NORMAL POOL ELEV. = 95.60 315' OF 18" P.C.P.@ 0.20% SEE BELOW DATUM 880 880 DATUM 2+00 3+00 1+00 REBAR GRATE # 5 BARS @ 6" O.C. PROFILE TWO This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the FACE OF BOX Entry Date: 8-10-04 975 SWALE 111 = 111 = REBAR GRATE 18" ROP 00T -@ 96.00 96.02 @ 96.10 X-SECTION N.T.S. STA. 0+00 STD. STEEL END SECTION STR. # 601 STA. 0+40 STA. 0+00 STD. STEEL INLET REGRADE CUT OFF SWALES STR. # 60Z END SECTION TO NEW INLET (TYP.) STR. #603 -AS-BUST COCHTION NW EDGE EX. 90' MARATHON PIPELINE EEASEMENT * FIELD LOCATE EXISTING REGRADE OUT-OFF BOX INLET YARD DRAIN INLET PRIOR INLET SWALES TO NEW INLET TO CONSTRUCTION, IF PRESENT STR. # 604 (TYPICAL) LOCATION CONFLICTS WITH PLAN TWO PROPOSED LAYOUT NOTIFY PLAN ONE ENGINEER FOR ADJUST MENT 00.00 = AS-BUILT INFORMATION RECORD DRAWING APR 12 1991

CERTIFIED BY REVIȘIONS 2-26-91 ADDED AS-BUILT NOFO 5-21-90 DATE

PAUL I. CRIPE, INC.
7172 GRAHAM ROAD
INDIANAPOLIS, INDIANA 46250
[3:47] print 8 42 26 47 7 crive of the Hamilton County

CIVIL ENGINEERING

LAND SURVEYING

ARCHITECTURE

County Survey Les Arin; Dne Hamilland Nghard, N. G.8, Noble

NOTE: CUTS SHOWN ARE APPROXIMATE, TAKEN FROM

EXISTING GRADE TO INVERT OF PROPOSED PIPE,

DFTNG. CHK. DRAWING TITLE

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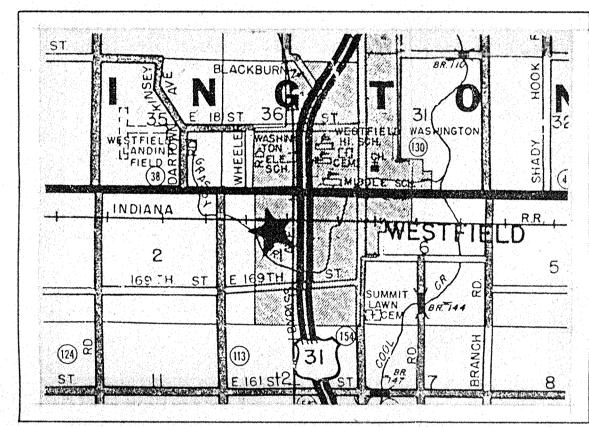
DATE 5/21/90

SUN COMMUNICATIONS STORM SEWER PLANÉ PROFILE

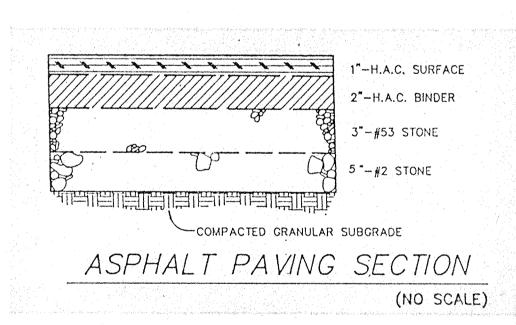
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SHEET

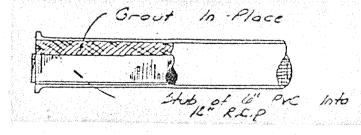
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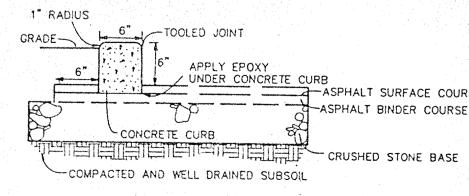
AREA MAP



Proposed Elevations (000) Existing Elevotions + 8002; @ Proposed Drainage Proposed Storm Line ---



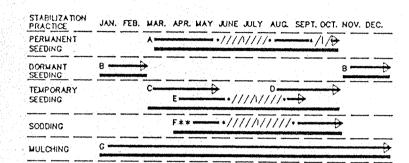
Detail of Detention Area Outlet was.



EXTRUDED CONCRETE CURB (NO SCALE)

EROSION CONTROL:

- A temporary seeding mixture in the areas of where stripping of fills have been graded shall be seeded for silt erosion protection. After grading all construction areas are to be seeded as follows:
- A. Swale seeding: Seed and fertilize within construction limits with 5///Acre "Redtop" grass, 20///Acre "Rye Grass", 20#/Acre "Bluegrass", 25#/Acre "Fescue" and 600 // Acre 12-12-12 Fertilizer.
- B. Cut/Fill Seeding (Along Paved Areas): Seed and fertilize with 25///Acre "Fescue", 20///Acre "Rye Grass", 15///Acre "Bluegrass" and 600 // Acre 12-12-12 fertilizer.
- C. Seeded areas shall have a suitable mulch applied for EROSION AND SILT CONTROL. Mulch may be straw, shredded hardwood or erosion control mat.
- D. Developers Option: Construction Areas requiring Erosion Control may be Hydroseeded in accordance with above Seed and Fertilizer Specifications.



- A . KENTUCKY BLUEGRASS 40 LBS/ACRE: CREEPING RED FESCUE 40 LBS/ACRE: PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYEGRASS 20 LBS/ACRE. B * KENTUCKY BLUEGRASS 60 LBS/ACRE: CREEPING RED FESCUE 60 LBS/ACRE: PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYEGRASS 30 LBS/ACRE.
- C SPRING OATS 3 BUSHEL/ACRE. D = WHEAT OR RYE 2 BUSHEL/ACRE.
- E ANNUAL RYEGRASS 40 LBS/ACRE.
- G = STRAW MULCH 2 TONS/ACRE. . /// IRRIGATION NEEDED DURING JUNE, JULY, AND/OR SEPTEMBER . IRRIGATION NEEDED FOR 2 TO 3 WEEKD AFTER APPLYING SOD

All storm drainage structures (ie: manholes, curb inlets,

lines and bench walls shall be troweled smooth and have a

brushed finish. All drainage structures and storm pipes

castings, joints, lift rings and pipe connections well

100 Year Flood Elevation per D.N.R. - 891.0

grouted, troweled smooth and brushed finished.

Note: Pavement within Right of Way to be:

I"H.A.C. Surface

3" H.A.C. Binder

5" # 53 Stone 4"#2 Stone

etc.) shall have poured flow lines and bench walls. The flow

shall be clean of silt and debris. All structures shall have

SEASONAL SOIL PROTECTION CHART

(NO SCALE)

It shall be the responsibility of each contractor to verify all existing utilities and conditions pertaining to his phase of the work. It shall also be the contractors responsibility to contact the owners of the various utilities before work is started. The contractor shall notify in writing

No roof drains, footing drains and/or surface water drains may be connected to the sanitary sewer system, including temporary connections during

All root drains shall outlet into retention orea.

See architectural foundation plans for actual building dimensions.

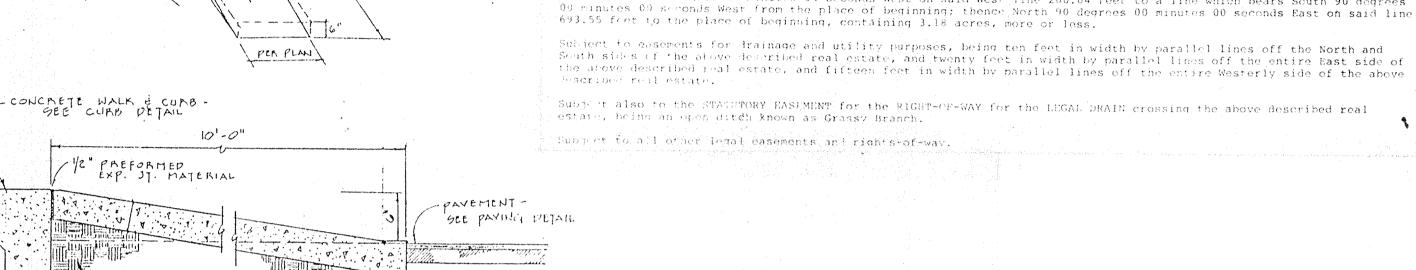
- CONC. CURB & WALK - PAYETICHIT ~

VARIABLE

SUNT ON PLANS

- EROSION CONTROL SEEDING LIMITS

: REAR - B SIDE YARDS : -



HANDICAPPED ACCESS BAMP

COMPACTED GUBGRADE-

(3) Taxus xmadio Wordin Sidewolk (Wordi Yeur) (18"-24" B-B) Fraxinus Americana White (Ash) (212" B-B) 3) Vibornom Jantono

Part of the Northwest Quarter of Section 1, Township 18 North, Range 3 East in Washington Township, Hamilton County,

Commencing at the Southeast corner of the Southwest Quarter of Section 36, Township 19 North, Range 3 East, said corner being 79.77 feet South 89 degrees 49 minutes 58 seconds West (assumed bearing) from the Northeast corner of the Worthwest Quarter of Section 1, Township 18 North, Range 3 East; thence South 89 degrees 49 minutes 58 seconds West on the North line of said Northwest Quarter 396.53 feet to the centerline of an ingress and egress easement; thence South U) degree 02 minutes 08 seconds West on said centerline 582.00 feet to the point of curvature of a curve to the right having a radius of 325.00 feet; thence Southwesterly, curving to the right on said centerline, an arc distance of 98.38 feet to the joint of tangency of said curve; thence South 18 degrees 22 minutes 43 seconds West on said centerline and

tangent with said curve 121.06 feet to the point of curvature of a curve to the left having a radius of 300.00 feet;

thence Southwesterly, curving to the left on said centerline, an arc distance of 96.23 feet to the point of tangency of said curvo; thence South 00 degrees 00 minutes 00 seconds 557.22 feet; thence South 90 degrees 00 minutes 00 seconds West 25.00 feet to the West Right-of-Way line of said Ingress and egress easement and the place of beginning of the within described real estate; thence South 0 degrees 00 minutes 00 seconds West on the West right-of-way line of said easement 200.00 feet; thence South 90 degrees 00 minutes 00 seconds West 689.79 feet to the Westerly line of real estate described in a Warranty Deed recorded as Instrument #88003348 in the Office of the Recorder of Hamilton County, Indiana;

thence North 01 degree 04 minutes 34 seconds West on said West line 200.04 feet to a line which bears South 90 degrees

" The second of the second of

SAISINEMIEN EINE III EINE III EINE HEINEN EINE MEINEN EINE MENNE M

Indiana, described as follows:

INTEGRAL WALK AND CURB DETAIL

CANDSCAPE PLAN

Scale 1"=40"

the owners or the engineers of any changes, errors or omissions found on these plans or in the field before work is started or resumed.

construction.

No traffic will be allowed on prepared subgrade prior to paving.

Note: All trees shall be cleared from ditch bank of Grassy Branch & all debris shall be cleared out of flow-line across

24 1 90' -12" R.C.P. @ 0.55% 145-18" RCP 60,50%

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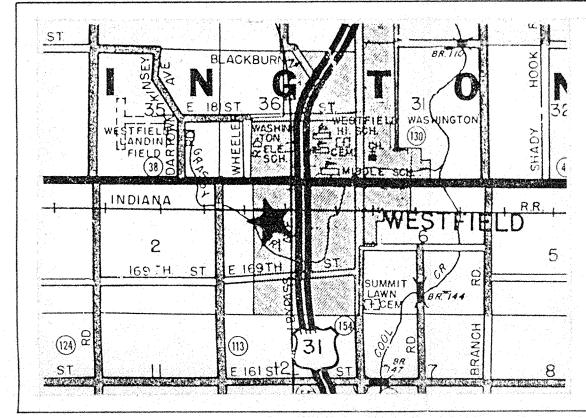
Allan H. Weihe, Reg. P.E. Indiana # 8827

MAY 20 1991 OFFICE OF HAMILTON COUNTY SURVEYOR

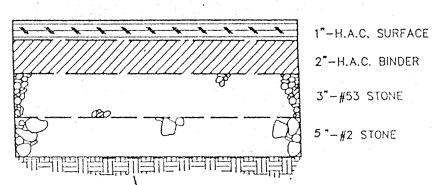
SHEET NO.

FILED

SOILS MAP



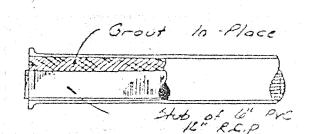
AREA MAP



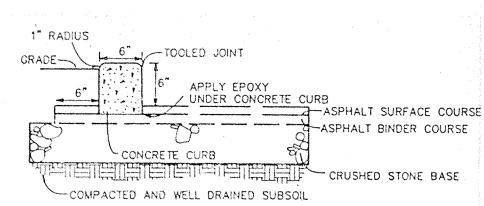
2"-H.A.C. BINDER 3"-#53 STONE 5 -#2 STONE

ASPHALT PAVING SECTION (NO SCALE)

> Proposed Elevations (00) Proposed Drainage Proposed Storm Line - -



Detail of Detention Area Outlet 12



EXTRUDED CONCRETE CURB (NO SCALE) EROSION CONTROL:

A temporary seeding mixture in the areas of where stripping of fills have been graded shall be seeded for silt erosion protection. After grading all construction areas are to be seeded as follows:

A. Swale seeding: Seed and fertilize within construction limits with 5#/Acre "Redtop" grass, 20#/Acre "Rye Grass", 20 // Acre "Bluegrass", 25 // Acre "Fescue" and 600///Acre 12-12-12 Fertilizer.

B. Cut/Fill Seeding (Along Paved Areas): Seed and fertilize with 25///Acre "Fescue", 20///Acre "Rye Grass", 15///Acre "Bluegrass" and 600#/Acre 12-12-12 fertilizer.

C. Seeded areas shall have a suitable mulch applied for EROSION AND SILT CONTROL. Mulch may be straw, shredded hardwood or erosion control mat.

D. Developers Option: Construction Areas requiring Erosion

Control may be Hydroseeded in accordance with above Seed

JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.

and Fertilizer Specifications.

MULCHING A - KENTUCKY BLUEGRASS 40 LBS/ACRE; CREEPING RED FESCUE 40 LBS/ACRE;

PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYEGRASS 20 LBS/ACRE. B - KENTUCKY BLUEGRASS 60 LBS/ACRE; CREEPING RED FESCUE 60 LBS/ACRE; PLUS 2 TONS STRAW MULCH/ACRE, OR ADD ANNUAL RYEGRASS 30 LBS/ACRE. C - SPRING DATS 3 BUSHEL/ACRE.

D = WHEAT OR RYE 2 BUSHEL/ACRE. E = ANNUAL RYEGRASS 40 LBS/ACRE.

TEMPORARY

G = STRAW MULCH 2 TONS/ACRE. 1/1/4 IRRIGATION NEEDED DURING JUNE, JULY, AND/OR SEPTEMBER .. IRRIGATION NEEDED FOR 2 TO 3 WEEKD AFTER APPLYING SOD SEASONAL SOIL PROTECTION CHART

(NO SCALE)

All storm drainage structures (ie: manholes, ourb inlets, etc.) shall have poured flow lines and bench walls. The flow lines and bench walls shall be troweled smooth and have a brushed finish. All drainage structures and storm pipes shall be clean of silt and debris. All structures shall have castings, joints, lift rings and pipe connections well

Note: Pavement within Right of Way to be:

Note: All trees shall be cleared from ditch bank of Grassy Branch & all debris shall be cleared out of flow line across

I" H.A.C. Surface 3" H.A.C. Binder 5" # 53 Stone 4"#2 Stone

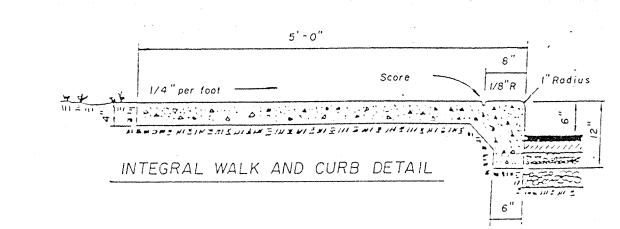
100 Year Flood Elevation per O.N.R. - 891.0

145-18" R.C.P. 60.50%

- EROSION CONTROL SEEDING LIMITS VARIABLE GRADE AS SUDWI ON PLUMB

- PAYEHEHT-

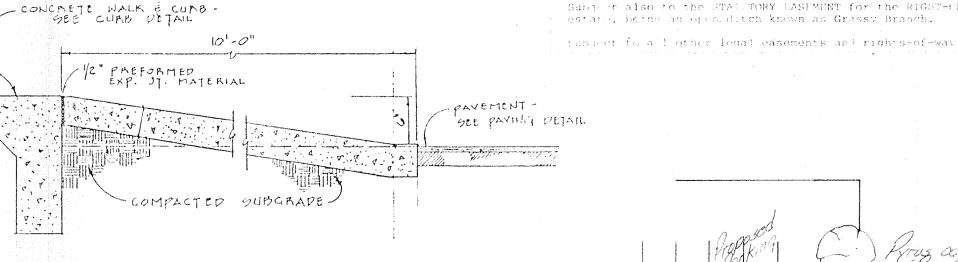
_ CONC. CUMB & WALK



Part of the Northwest Quarter of Section 1, Tewnship 18 North, Range 3 East in Washington Township, Hamilton County, Indiana, described as follows: Commencing at the Southeast corner of the Southwest Quarter of Section 36, Township, 19 North, Range 3 East, said corner. being 79.77 feet South 89 degrees 49 minutes 58 seconds West (assumed bearing) from the Northeast corner of the Northwest Quarter of Section 1, Township 18 North, Range 3 East; thence South 89 degrees 49 minutes 58 seconds West on the North line of said borthwest Quarter 396.53 feet to the centerline of an ingress and egress easement; thence South 01 degree 02 minutes 08 seconds West on said centerline 582.00 feet to the point of curvature of a curve to the right having a radius of 325.09 feet; thence Southwesterly, curving to the right on said centerline, an arc distance of 98.38 feet to the joint of tandency of said curve; thence South 18 degrees 22 minutes 43 seconds West on said centerline and tangent with said curve 121.06 feet to the point of curvature of a curve to the left having a radius of 300.00 feet; thence Southwesterly, curving to the left on said centerline, an arc distance of 96.23 feet to the point of tangency of said curve; thence South 00 degrees 00 minutes 00 seconds 557.22 feet; thence South 90 degrees 00 minutes 00 seconds West 25.00 feet to the West Right-of-Way line of said Ingress and egress easement and the place of beginning of the within described real estate; thence South 0 degrees 00 minutes 00 seconds West on the West right-of-way line of said

easement 200,00 (set; thence South 90 degrees 00 minutes 00 seconds West 689.79 feet to the Westerly line of real estate Beser ped in a Warranty Deed recorded as Instrument #88003348 in the Office of the Recorder of Hamilton County, Indiana; thence North 01 degree 64 minutes 34 seconds West on said West line 200.04 feet to a line which bears South 90 degrees the finites 00 seconds West from the place of beginning; thence North 90 degrees 00 minutes 00 seconds East on said line 693.55 feet to the place of beginning, containing 3.18 acres, more or less. Subject to essements for Trainage and utility purposes, being ten feet in width by parallel lines off the North and South sides of the above described real estate, and twenty feet in width by parallel lines off the entire East side of the above described real estate, and fifteen feet in width by parallel lines off the entire Westerly side of the above

Subject also to the STAINTORY EASEMENT for the RIGBT-CF-WAY for the LUGAL DRAIN crossing the above described real estate, being an open ditch known as Grassy Branch.



HANDICAPPED ACCESS RAMP

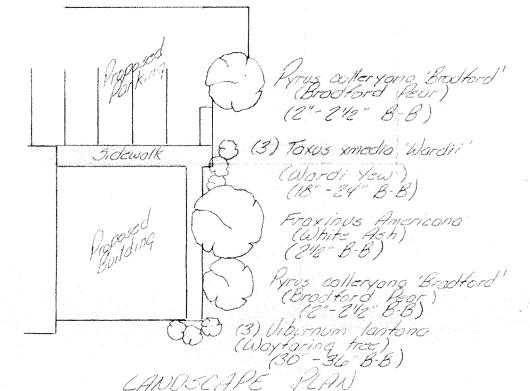
It shall be the responsibility of each contractor to verify all existing utilities and conditions pertaining to his phase of the work. It shall also be the contractors responsibility to contact the owners of the various utilities before work is started. The contractor shall notify in writing the owners or the engineers of any changes, errors or omissions found on these plans or in the field before work is started or resumed.

No roof drains, footing drains and/or surface water drains may be connected to the sanitary sewer system, including temporary connections during construction.

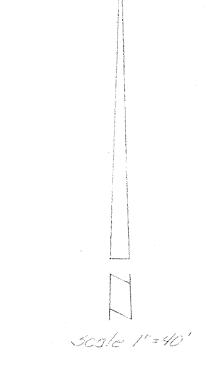
All roof draws shall outlet into retention area.

No traffic will be allowed on prepared subgrade prior to paving.

See architectural foundation plans for actual building dimensions.



(Wayforing tree) (30"-36"B-B) LANDSCAPE PLAN



FILED

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C

Allan H. Weihe, Reg. P.E. Indiana # 8827

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