

## GENERAL WATER MAIN NOTES

WATER MAIN TO BE PRESSURE CLASS 350 DIP.

HYDRANTS TO BE TYPE MUELLER A-421 AS APPROVED BY THE CONSUMERS OHIO WATER COMPANY.

ALL SERVICES TO BE 1½" DIAMETER.

CONTRACTOR SHALL STERILIZE WATER MAIN BY PLACING A QUANTITY OF H.T.H. (70 % AVAILABLE CHLORINE) IN THE PIPE. THE AMOUNT OF H.T.H. POWDER REQUIRED FOR EACH LENGTH OF PIPE (18 FEET) IS ½ OUNCE FOR AN 8" PIPE OR ¼ OUNCE FOR A 4" PIPE. THE CANTON WATER DEPARTMENT SHALL BE RESPONSIBLE FOR FINAL FLUSHING OF WATER LINE AND TESTING QUALITY.

APPLICATION OF DISINFECTION TO BE MADE IN ACCORDANCE WITH AWWA STANDARD C651.

PRESSURE TEST SHALL CONFORM WITH AWWA STANDARD C-600.

CONTRACTOR IS RESPONSIBLE TO MAINTAIN A MINIMUM SEPERATION FROM EXISTING OR PROPOSED SANITARY SEWERS OF 10 FEET HORIZONTAL AND 18 INCHES VERTICAL.

CONTRACTOR IS RESPONSIBLE TO MAINTAIN A MINIMUM SEPERATION FROM EXISTING OR PROPOSED STORM SEWERS OF 4 FEET HORIZONTAL AND 12 INCHES VERTICAL.

A MINIMUM HORIZONTAL SEPERATION OF 10 FEET BETWEEN THE FIRE HYDRANT WEEPHOLE AND ANY EXISTING OR PROPOSED SANITARY SEWERS IS TO BE MAINTAINED.

INSTALLATION OF WATER MAINS AND APPURTENANCES SHALL CONFORM TO CONSUMERS OHIO WATER COMPANY SERVICE PLANS AND SPECIFICATIONS IN EFFECT AT THE TIME OF CONSTRUCTION.

(E.P.A.) 8.7.2 UNDERWATER CROSSINGS - A MINIMUM OF TWO FEET SHALL BE PROVIDED OVER THE PIPE. WHEN CROSSING WATER COURSES WHICH ARE GREATER THAN 15 FEET IN WIDTH, THE FOLLOWING SHALL BE PROVIDED:

(CONTINUED THIS SHEET, BELOW DRAWING)

## MATERIAL SPECIFICATIONS

**DUCTILE IRON PIPE.** Type required: push-on joints, cement lined, pressure class 350 for 4 inch through 12 inch, pressure class 300 for 16 inch, manufacturing standards AWWA C150 and C151. Polyethylene encasement shall be installed on all ductile pipe and fittings.

**DUCTILE IRON FITTINGS.** (tees, crosses, bends, reducers, sleeves, couplings and plugs.) Type required: mechanical joint, tees, crosses, bends and reducers are to be cement lined, working pressure rating 250 psi, manufacturing standards ANSI A21.53, ANSI A21.4 and ANSI A21.10. Compact style is acceptable. Retainer glands shall be installed wherever there is a possibility of joint separation.

**FIRE HYDRANTS.** Type required: post type, breakable flange design for traffic collisions, 5 1/4" diameter main valve, one 4 1/2" pumper and two 2 1/2" hose nozzles, 6" MJ inlet, main valve to open left, direction of opening to be indicated with arrow cast on hydrant, to be designed for 5 foot trench, National Standard threads on nozzles, O-ring packing preferred, operating nut and nut on caps: 1 1/2" pentagon, color yellow paint on body trimmed with red paint on bonnet and caps, AWWA standard C502, Mueller Centurion A421, Clow Medallion or US Pipe M-94.

**TAPPING VALVES.** Type required: Resilient seat, iron body, mechanical joint accessories, non-rising stem, for underground service, O-ring packing preferred, OPEN RIGHT (clockwise) 2 inch square operating nut, manufacturing standards and pressure ratings AWWA specification C500.

**4" THROUGH 12" GATE VALVES.** Type required: resilient seat, iron body, mechanical joint accessories, non-rising stem, for underground service, O-ring packing preferred, OPEN RIGHT (clockwise), 2 inch square operating nut, manufacturing standards and pressure ratings AWWA C509, U.S. Pipe Metoseal #5460 or equal.

**VALVE BOXES.** Type required: two piece, cast iron, screw type for adjustable height, height range to be approximately 36 to 60 inches. They are to include a well fitting cast iron lid, the word "WATER" to be cast on lid.

**2" WATER MAIN.** 2" water main shall be soft drawn type "K" copper tubing or high density polyethylene plastic (HDPE), copper tube size, as called out on the plan. If HDPE is used, marking tape and a 12 gage copper tracer wire shall be laid in the trench. Brass compression fittings shall be used. Stainless steel stiffeners are necessary at each joint.

**POLYETHYLENE ENCASEMENT.** Type required: Eight mil thick polyethylene tube manufactured in accordance with ANSI/AWWA C105/A21.5. Polyethylene adhesive tape, 1 1/2" wide, is to seal joints.

**BLOW OFF ASSEMBLIES.** Type required: Kupferle Foundry TF500 or approved equal. Install in valve box. Install 2" curb stop with curb box ahead of each blow off.

Revised 8/2000

**UNDERGROUND UTILITIES**  
**2 WORKING DAYS**  
**BEFORE YOU DIG**  
 Call...800-362-2764 (Toll Free)  
 OHIO UTILITIES PROTECTION SERVICE  
 NON-MEMBERS  
 MUST BE CALLED DIRECTLY

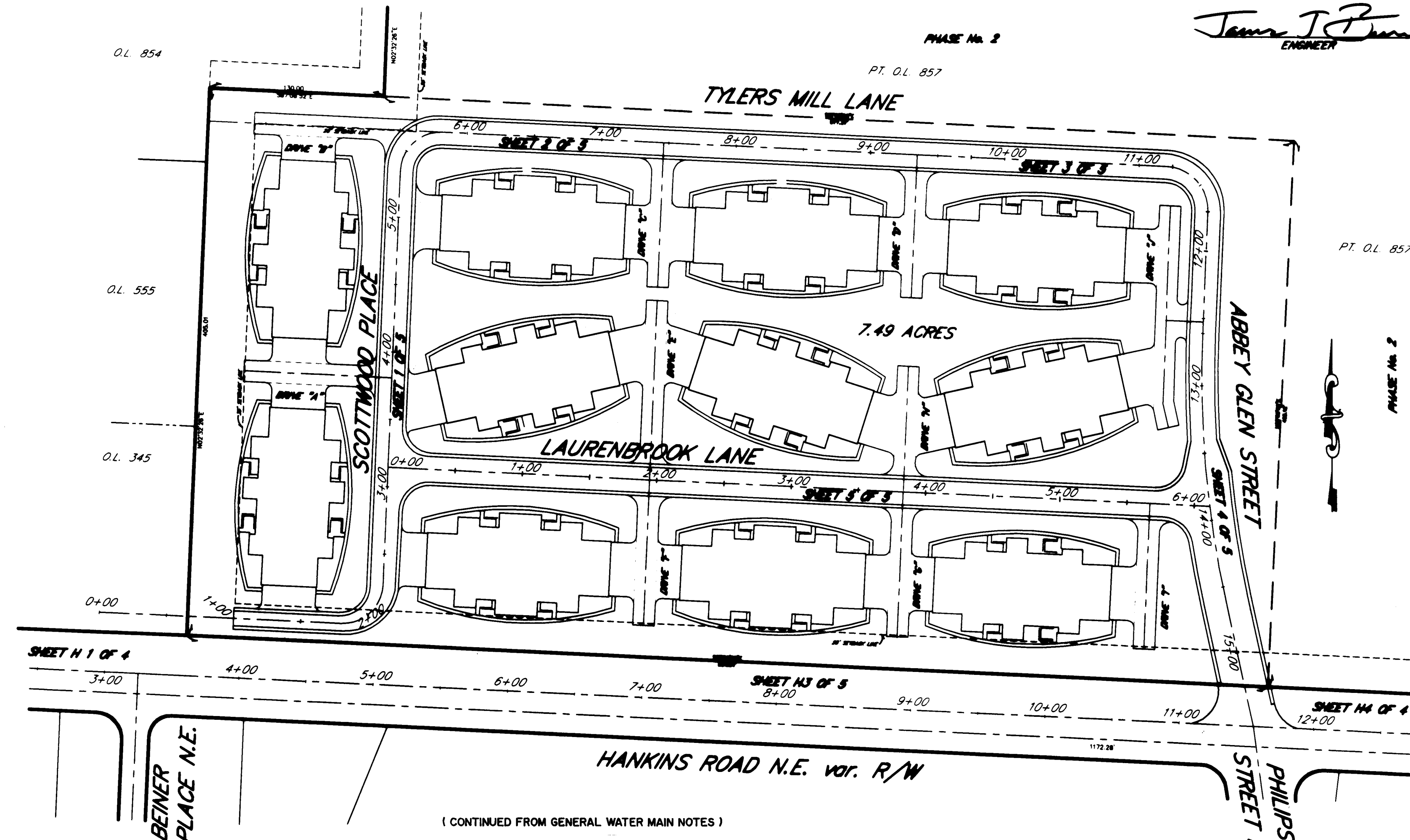
OUPS Answers The 8 Questions  
 Most Commonly Asked By Contractors



Ohio Utilities Protection Service  
 1-800-362-2764

PLAN APPROVED BY THE OHIO E.P.A.  
 THIS DAY OF , 2000.

DIRECTOR



(CONTINUED FROM GENERAL WATER MAIN NOTES)

- the pipe shall be of special construction, having flexible watertight joints,
- valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair; the valves shall be easily accessible, and not subject to flooding; and the valve closest to the supply source shall be in a manhole,
- permanent taps shall be made on each side of the valve within the manhole to allow insertion of a small meter to determine leakage and for sampling purposes.

## DESCRIPTION

| DESCRIPTION                                     | SHEET    |
|-------------------------------------------------|----------|
| SITE PLAN                                       | SP       |
| PLAT OF SURVEY                                  | SUR      |
| SCOTTWOOD PLACE                                 | 1 OF 5   |
| TYLERS MILL LANE STA. 4+00 to 8+50              | 2 OF 5   |
| TYLERS MILL LANE STA. 8+50 to ABBEY GLEN STREET | 3 OF 5   |
| ABBAY GLEN STREET                               | 4 OF 5   |
| LAURENBROOK LANE                                | 5 OF 5   |
| CO-ORDINATE SHEET                               | CO-ORD   |
| HANKINS PLAN STA. 0+00 to 5+50                  | H 1 OF 4 |
| HANKINS PROFILE STA. 0+00 to 5+50               | H 2 OF 4 |
| HANKINS PLAN & PROFILE STA. 5+50 to 11+00       | H 3 OF 4 |
| HANKINS PLAN STA. 11+00 to 17+50                | H 4 OF 4 |
| STORM WATER PREVENTION PLAN                     | SWP3     |
| STANDARD DETAIL SHEET                           | DETAIL   |

# INDEX

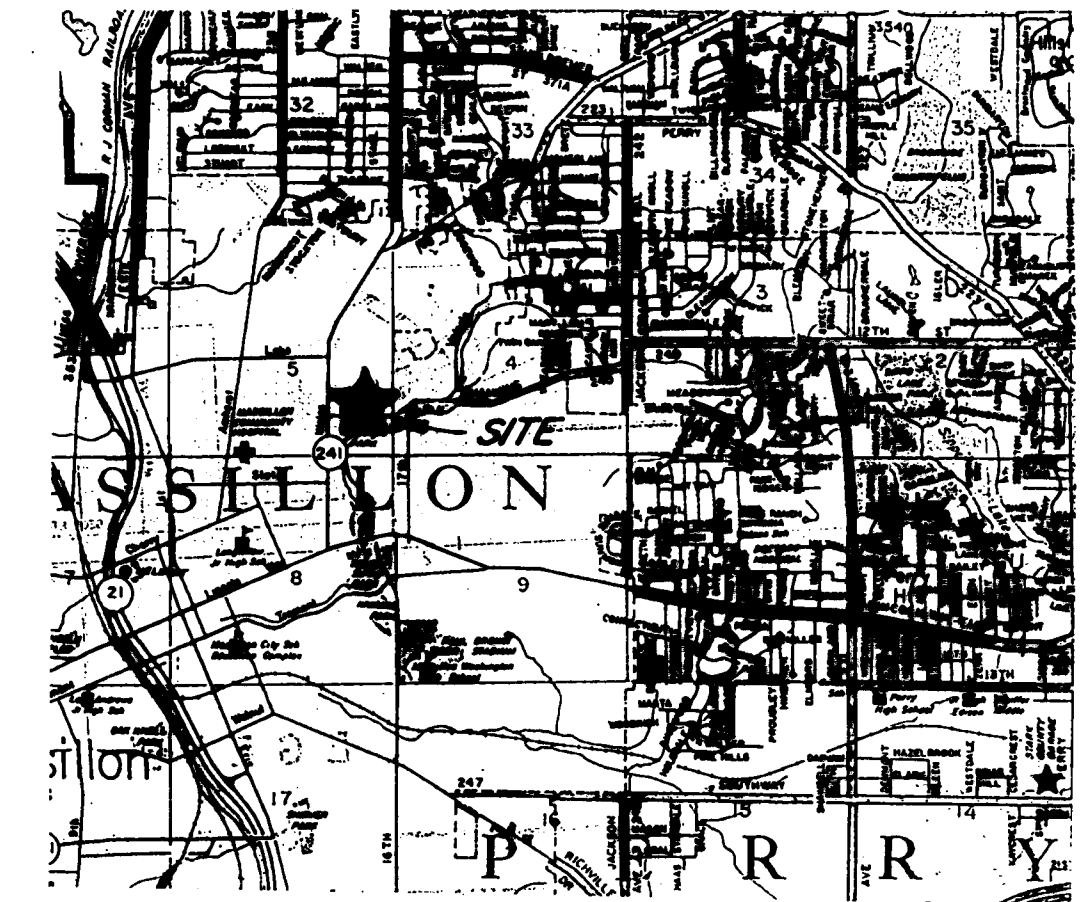
# ABBEY GLEN CONDOMINIUMS

OUT LOT 587  
 in the CITY of MASSILLON  
 STARK COUNTY, OHIO

PLAN APPROVED BY THE CITY OF MASSILLON  
 ENGINEER THIS 21<sup>ST</sup> DAY OF November, 2000.

James J. P...  
 ENGINEER

SCALE: 1 INCH = 1 MILE  
 VICINITY MAP



## GENERAL SANITARY SEWER NOTES

ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED. ADOPTED 2/69.

A BULKHEAD MUST BE ERECTED IN EXISTING "TAP IN" MANHOLE WHICH SHALL REMAIN IN PLACE UNTIL THE NEW SEWER IS COMPLETED, TESTED AND APPROVED.

ALL SANITARY SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO CITY OF MASSILLON ENGINEERING DEPARTMENT SPECIFICATIONS IN EFFECT AT THE TIME OF CONSTRUCTION.

FIRST FLOOR ELEVATION FOR BUILDINGS AT THE BUILDING SETBACK LINE SHALL BE A MINIMUM OF 6" ABOVE STREET CENTERLINE GRADE.

MINIMUM COVER OVER ALL SANITARY SEWERS MUST BE 3.0'.

ALL SANITARY SEWERS, 8" DIAMETER AND LARGER, MUST PASS INTERNAL TELEVISION INSPECTION. THE CONTRACTOR SHALL PROVIDE COMPLETE, INTERNAL INSPECTION VIDEOTAPE TO THE CITY OF MASSILLON ENGINEERING DEPARTMENT.

INFILTRATION AND/OR EXFILTRATION LEAKAGE TEST SHALL BE CONDUCTED WITH A MAXIMUM ALLOWABLE LIMIT TO BE 50 GAL. PER INCH OF PIPE DIAMETER PER MILE PER DAY.

ALL SANITARY SEWERS SHALL BE MANDREL TESTED WITH A MAXIMUM DEFLECTION OF 5% FOR ABS AND PVC PIPES.

## GENERAL NOTES

ALL SUBGRADE COMPACTION SHALL BE INSPECTED AND APPROVED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO PLACEMENT OF ANY 301 BITUMINOUS BASE.

ALL TRENCHES BENEATH THE PROPOSED PAVEMENT OR EXISTING PAVEMENT SHALL BE COMPACTED IN LIFTS, IN A MANNER AND WITH MATERIAL SPECIFIED BY CITY OF MASSILLON OR ANY APPLICABLE O.D.O.T. SPECIFICATIONS.

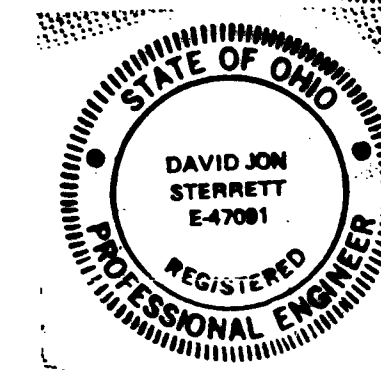
ALL STORM SEWER TO BE HIGH DENSITY POLY-ETHYLENE CORRUGATED PIPE WITH AN INTEGRALLY FORMED SMOOTH INTERIOR INSTALLED IN ACCORDANCE WITH ASTM RECOMMENDED PRACTICE D-2321 UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE DEVELOPER/CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO PREVENT SOIL EROSION AND DOWNWASH OF GRITS AND SEDIMENTS. SEE SHEET SWP3 FOR DETAILS.



PLAN PREPARED BY  
 HOOVER AND ASSOCIATES, Inc.

Robert P. Hoover  
 ROBERT P. HOOVER - REG. SURVEYOR No. 6155



David J. Sterrett  
 DAVID J. STERRETT - REG. ENGINEER No. E-47091

Hoover & Associates, Inc.

Professional Surveying Services

5782 HUCKLEBERRY ST. N.W.  
 NORTH CANTON, OHIO 44720  
 Phone: 494-6744

LAKE AVE.  
N.E.

7498

7497

7496

7495

7494

7493

7492

ROTCH AVE.  
N.E. 60'

7479

7478

7477

7476

6802

6801

6800

6799

6798

6796

WALEN  
AVENUE

WALEN  
AVENUE

SPRINGHILL  
AVENUE

N.E. 50'

12877

12876

12875

12864

12863

12857

12858

12859

12860

12861

12862

MASSILLON MUSEUM  
FOUNDATION, Inc.

O.L. 556

Δ = 22° 07' 02"  
R = 807.33'  
Ch = 308.72'  
Bch = S 60° 18' 52" E  
L = 311.65'  
T = 187.75'

O.L. 855  
TRACT II  
10.416 ACRES  
ZONED R-3

Δ = 89° 41' 19"  
R = 30.00'  
Ch = 42.31'  
Bch = S 42° 18' 13" E  
L = 46.36'  
T = 29.84'

O.L. 854  
TRACT I  
4.502 ACRES  
ZONED R-3

Δ = 90° 18' 41"  
R = 30.00'  
Ch = 42.34'  
Bch = S 47° 41' 47" E  
L = 47.27'  
T = 30.16'

ZONED R-3  
(8.446 ACRES)  
N.K. MORELLI

(5.043 ACRES)  
- VACANT -

ABBEY GLEN CONDOMINIUMS  
OUT LOT 857  
(10.819 ACRES)  
- VACANT -

FIRST CHRISTIAN  
CHURCH OF MASSILLON

O.L. 345

HANKINS ROAD N.E.

PT. O.L. 65

var. R/W  
O.L. 344

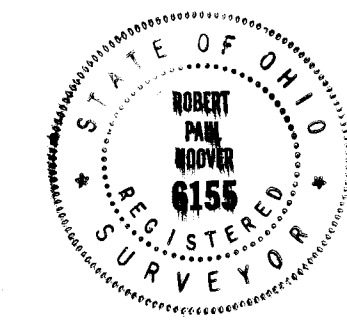
PHILIP STREET N.E.  
50'

O.L. 374

O.L. 374

17th STREET N.E. 50'

SIPPO  
BLVD.



SURVEY MADE BY:  
*Robert P. Hoover*  
ROBERT P. HOOPER  
OHIO REG. No. 6155

DATA USED  
STARK COUNTY TAX MAPS  
PREVIOUS SURVEYS -  
PIPER - dated 2-27-60  
CAMMEL - dated OCT. 20, 1965  
BUCKEYE - dated AUG. 16, 1985  
DEDICATION PLAT - P.B. 34 PG. 132  
DEEDS - 417: 925 3117: 434  
153: 157 599: 866  
2292: 404 839: 619

1" = 100 FEET  
0 100 200

PLAT of SURVEY

ABBEY GLEN CONDOMINIUMS  
OUT LOT 857  
in the CITY of MASSILLON  
STARK COUNTY, OHIO

HOOVER and ASSOCIATES, Inc.  
PROFESSIONAL SURVEYING SERVICES  
5782 HUCKLEBERRY STREET N.W. NORTH CANTON, OHIO 44720

SCALE: 1" = 100' OCTOBER, 2000 SHEET SUR

| DRAWN BY   | DATE | REVISION DESCRIPTION |
|------------|------|----------------------|
|            |      |                      |
| CHECKED BY |      |                      |
|            |      |                      |

SITE PLAN  
ABBEY GLEN CONDOMINIUMS

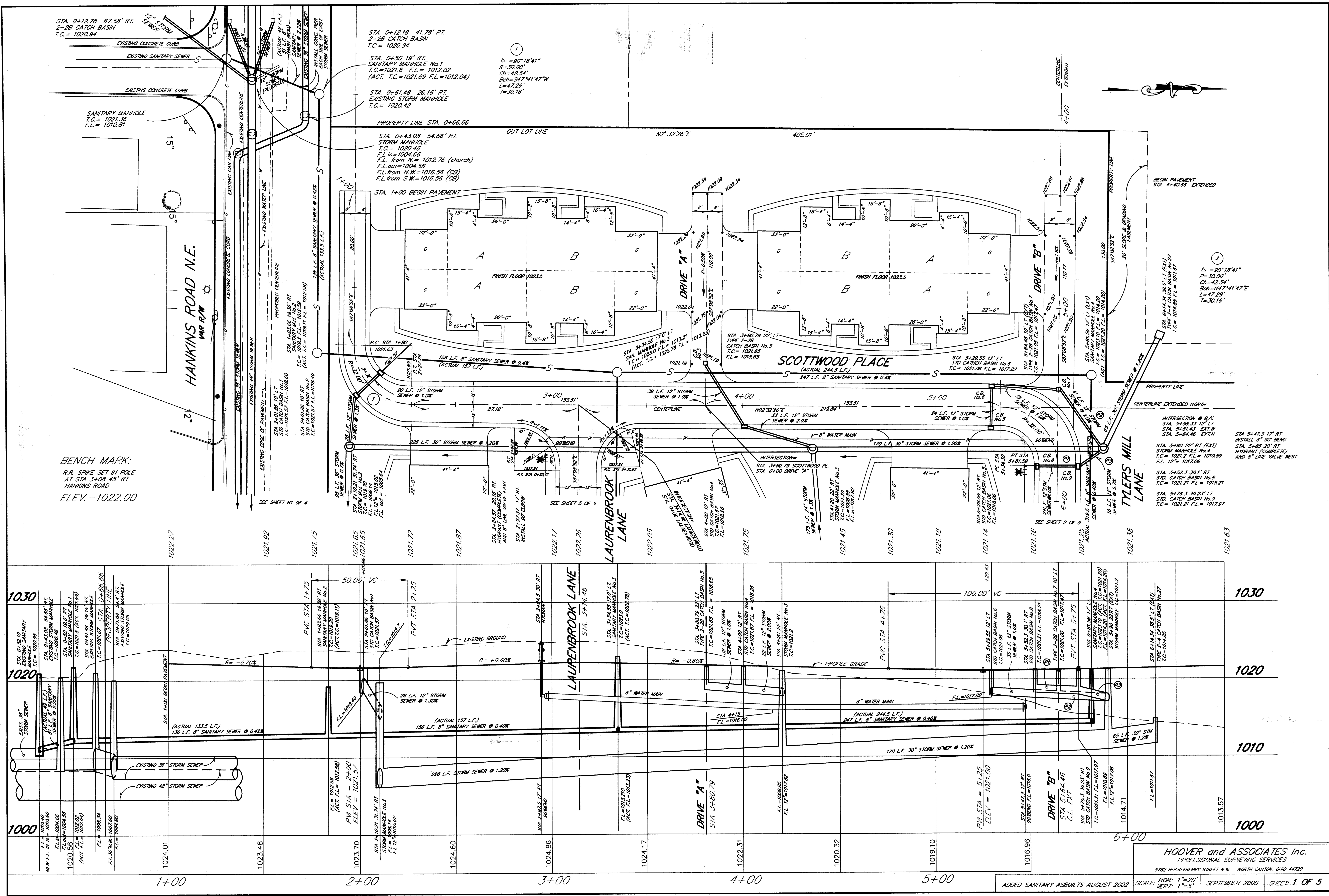
PHASE No. 2

PT. O.L. 857

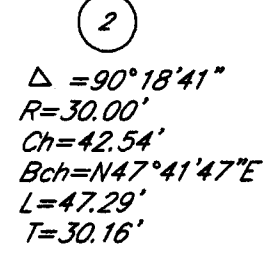
PT. O.L. 857

PHASE No. 2

7.49 ACRES



BENCH MARK:  
R.R. SPIKE SET IN POLE  
AT STA 3+08.45 RT  
HANKINS ROAD  
ELEV. - 1022.00

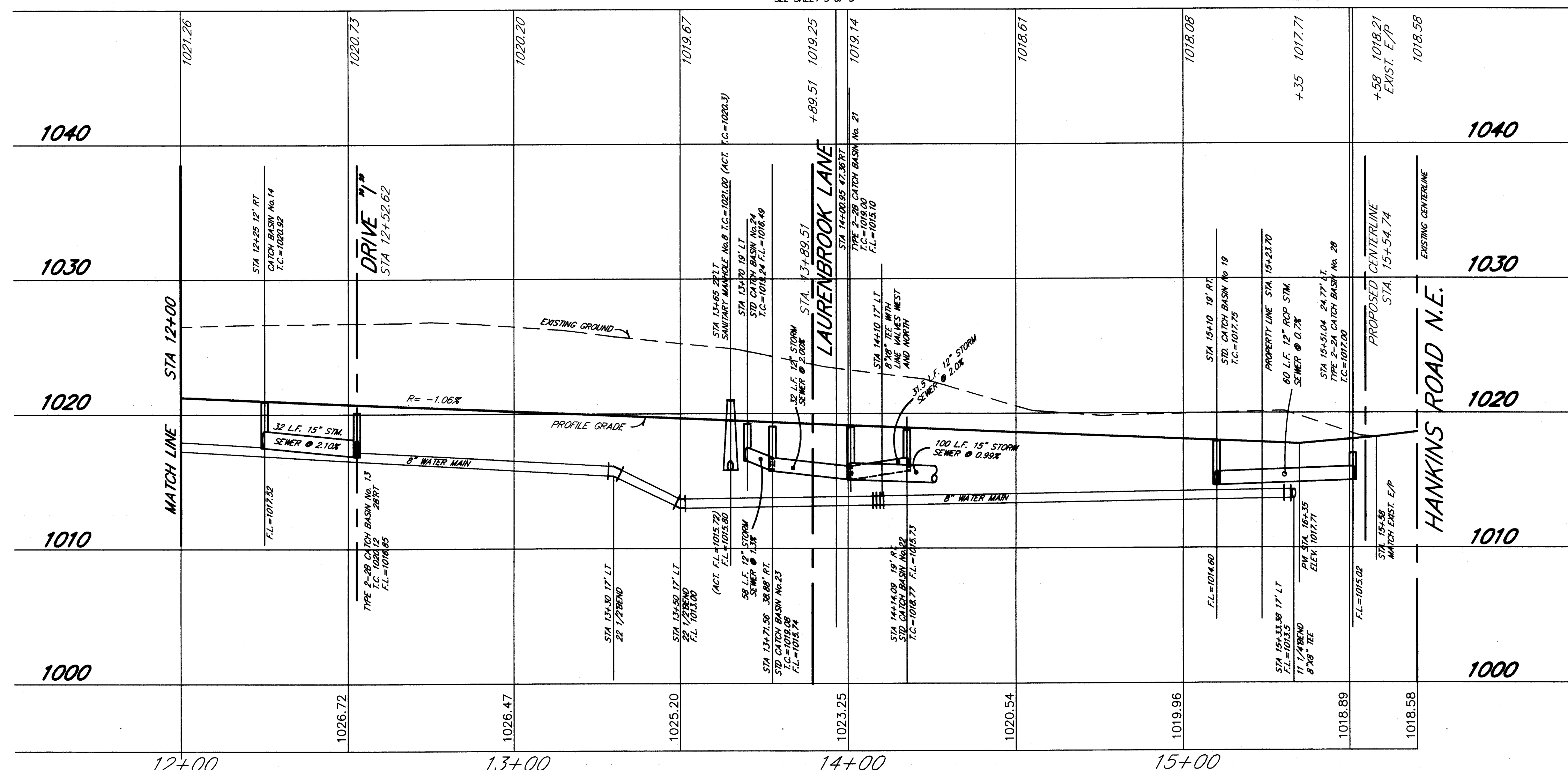
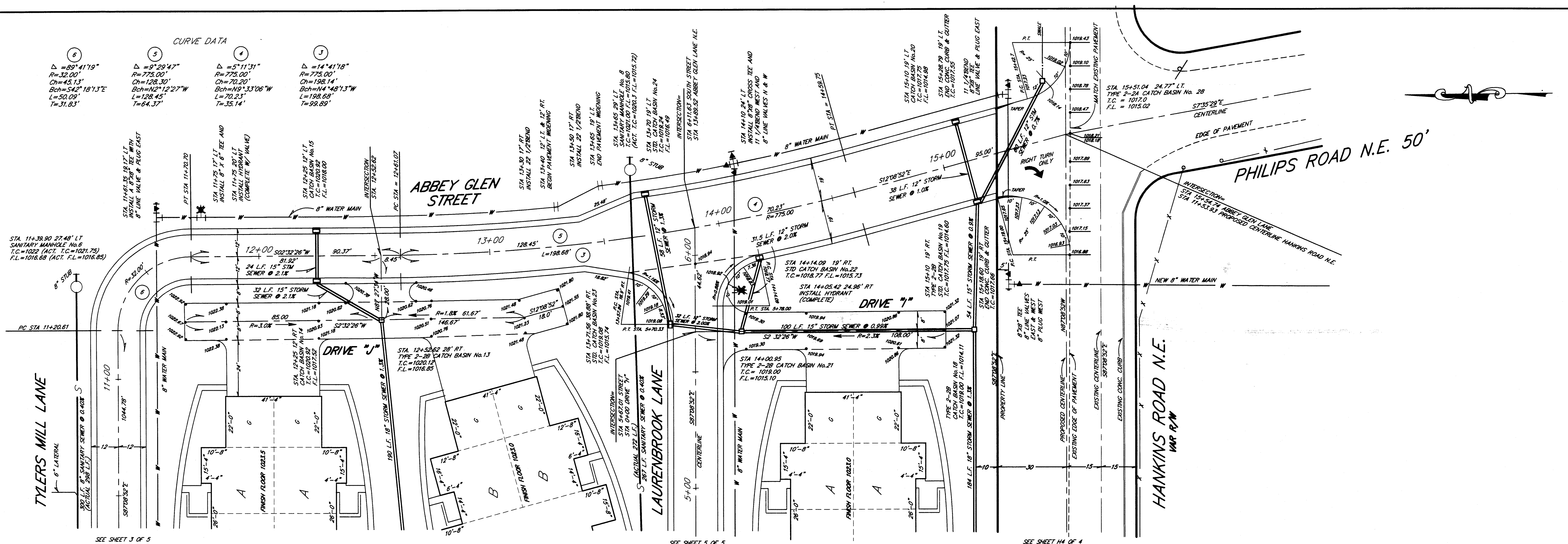


ADDED SANITARY ASBUILTS AUGUST 2002  
PLAN & PROFILE  
ABBNEY GLEN CONDOMINIUMS  
OUT LOT 857  
in the CITY OF MASSILLON  
STARK COUNTY, OHIO

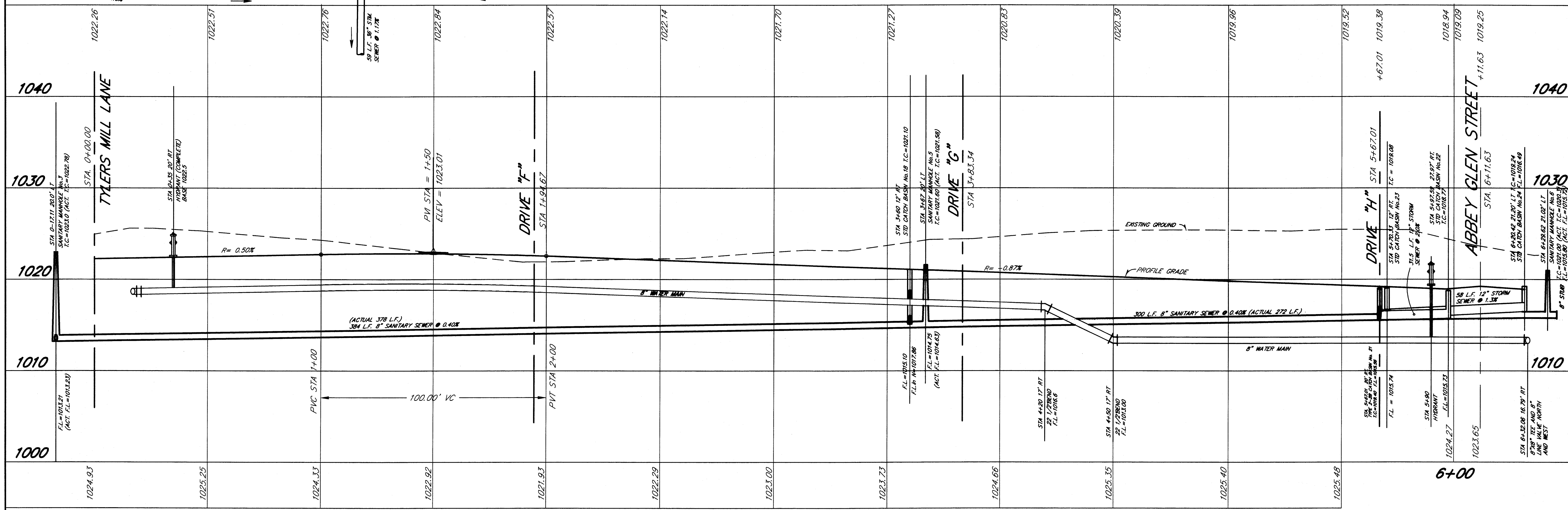
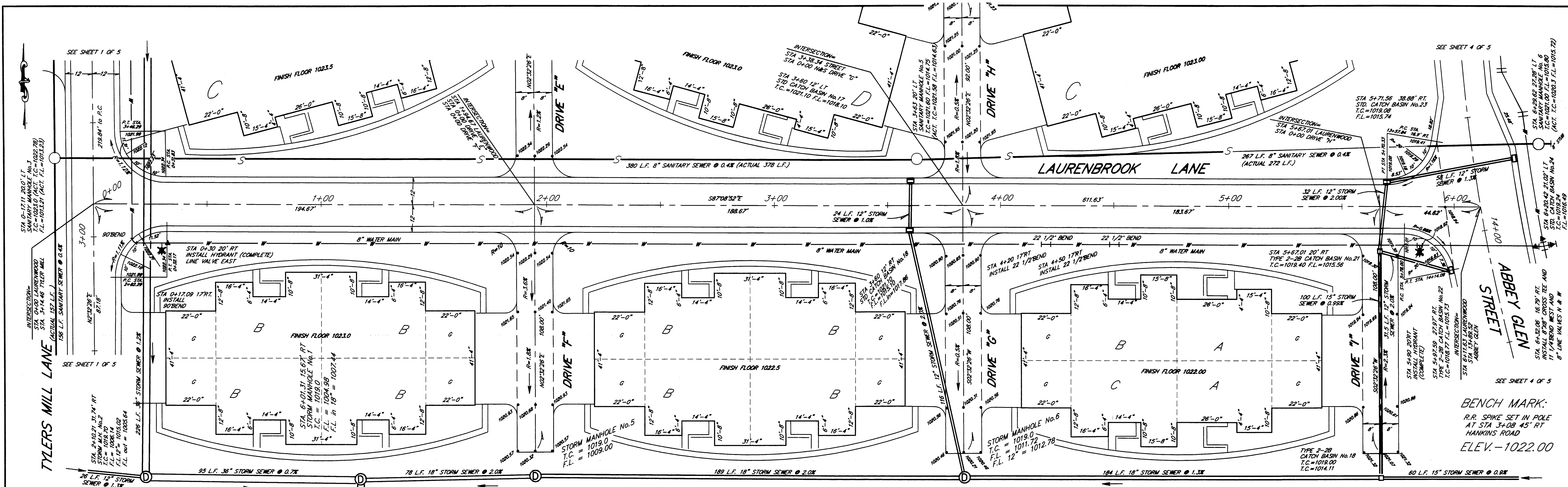
**HOOVER and ASSOCIATES Inc.**  
PROFESSIONAL SURVEYING SERVICES  
5782 HUCKLEBERRY STREET N.W. NORTH CANTON, OHIO 44720

|                    |                |               |
|--------------------|----------------|---------------|
| SCALE: HOR: 1"=20' | SEPTEMBER 2000 | SHEET: 2 OF 5 |
|--------------------|----------------|---------------|





BENCH MARK:  
R.R. SPIKE SET IN POLE  
AT STA 3+08.45' RT  
HANKINS ROAD  
ELEV. - 1022.00



HOOPER and ASSOCIATES Inc.  
PROFESSIONAL SURVEYING SERVICES  
5782 HUCKLEBERRY STREET N.W. NORTH CANTON, OHIO 44720

ADDED SANITARY ASBUILTS AUGUST 2002

SCALE: HOR. 1"=20'  
VERT. 1"=5'  
SEPTEMBER 2000  
SHEET: 5 OF 5

# INDEX

## ABBEY GLEN CONDOMINIUMS PHASE 2

PART OF OUTLOT 857  
IN THE CITY OF MASSILLON  
STARK COUNTY, OHIO

### GENERAL WATER MAIN NOTES

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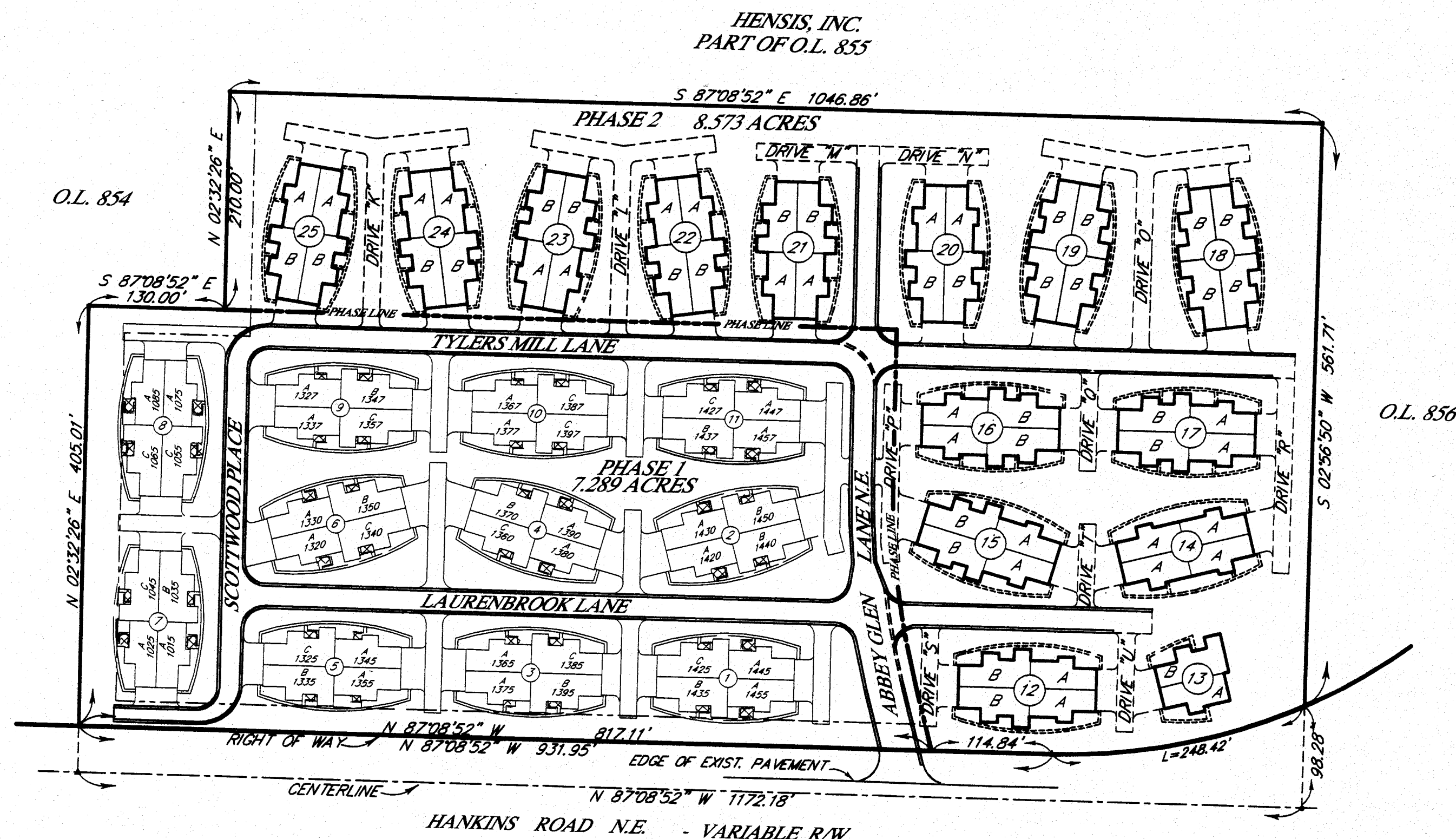
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### DESCRIPTION

### SHEET

CONDOMINIUM PLAT.....CP  
GRADING PLAN (PAGE 1).....GP1  
GRADING PLAN (PAGE 2).....GP2

PLAN AND PROFILES:  
TYLERS MILL LANE (EXISTING).....SHEET 1  
TYLERS MILL LANE (EXTENSION).....SHEET 2  
ABBEY GLEN LANE.....SHEET 3  
LAURENBROOK LANE (EXTENSION).....SHEET 4

STORM WATER PREVENTION PLAN.....SWP3  
STANDARD DETAIL SHEET.....DETAIL

### PLAN APPROVALS

APPROVED BY THE CITY OF MASSILLON ENGINEER  
THIS 5<sup>TH</sup> DAY OF June, 20 00.

*Steve R. [Signature]*  
CITY OF MASSILLON ENGINEER

WATERLINE IS APPROVED BY CONSUMERS OHIO WATER COMPANY  
THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_.

CONSUMERS OHIO WATER COMPANY

SANITARY SEWER PERMIT-TO-INSTALL HAS BEEN RECEIVED FROM THE OhioEPA  
THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_.

WATERLINE PERMIT-TO-INSTALL HAS BEEN RECEIVED FROM THE OhioEPA  
THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20 \_\_\_\_.

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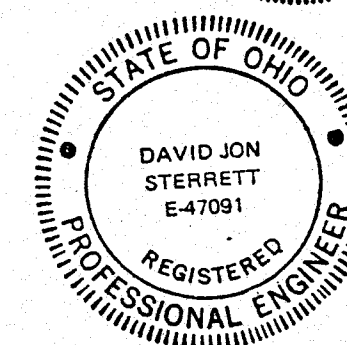
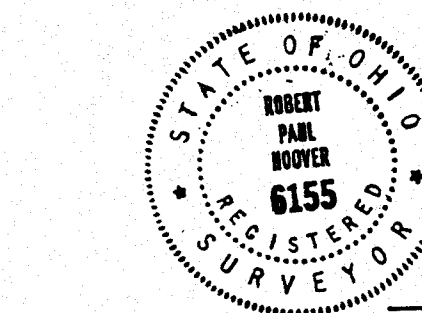
ALL SANITARY SEWERS SHALL BE MANDREL TESTED WITH A  
MAXIMUM DEFLECTION OF 5% FOR ABS AND PVC PIPES.

MANHOLE CONSTRUCTION SHALL MEET  
THE REQUIREMENTS OF ASTM- C-478 AND C-44.3.

ALL MANHOLES SHALL BE AIR/VACUUM  
TESTED IN ACCORDANCE WITH AND MEET  
ALL THE REQUIREMENTS OF ASTM C1244.

PLAN PREPARED BY  
HOOVER and ASSOCIATES, Inc.

*Robert P. Hoover*  
ROBERT P. HOOVER - REG. SURVEYOR No. 6155



*David J. Sterrett*  
DAVID J. STERRETT - REG. ENGINEER No. E-47091

REVISION DESCRIPTION

DATE:

DRAWN BY:

CHECKED BY:

HOOVER & ASSOCIATES, Inc.  
Professional Surveying Services  
5782 Huckleberry Street, N.W.  
North Canton, Ohio 44720  
Phone (330) 494-6744

INDEX  
ABBEY GLEN CONDOMINIUMS - PHASE 2

PART OF OUTLOT 857  
IN THE CITY OF MASSILLON  
STARK COUNTY, OHIO

FEBRUARY 2002

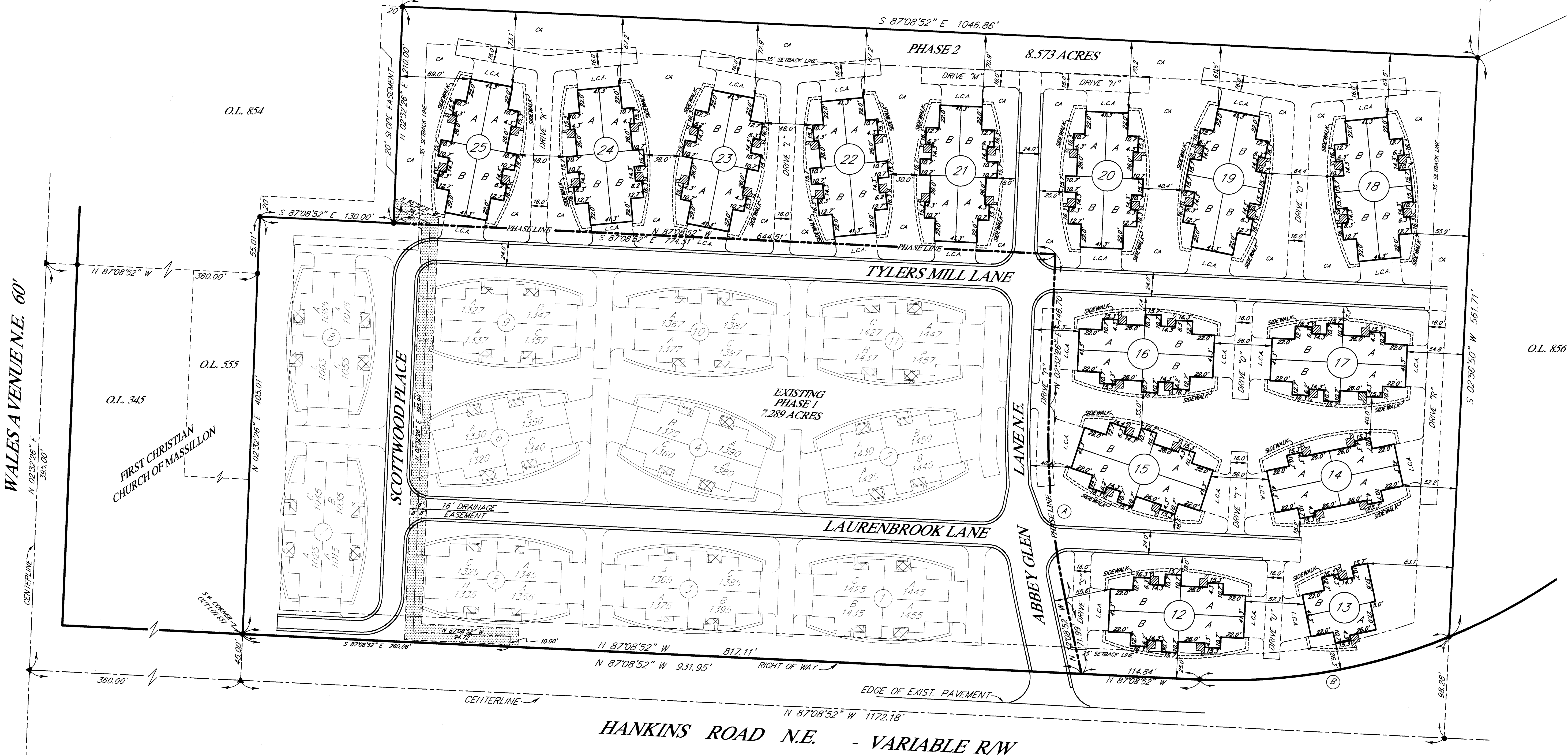
CA - INDICATES COMMON AREA  
LCA - INDICATES LIMITED COMMON AREA  
- INDICATES PORCH and/or PATIO AREA  
(ALL PORCH and/or PATIO AREAS ARE LIMITED COMMON AREAS)  
- INDICATES SIDEWALK  
(ALL SIDEWALKS ARE LIMITED COMMON AREAS)  
- INDICATES BUILDING NUMBER  
A - INDICATES UNIT NUMBER  
1445

● INDICATES 5/8" IRON BAR SET  
▲ INDICATES P.K. NAIL SET  
UNLESS OTHERWISE NOTED

HENSIS, INC.  
PART OF O.L. 855

0' 50' 100' 150'  
SCALE: 1"=50'

N.E. CORNER  
S.E. 1/4, SEC. 5  
PERRY TWP.  
S 02°56'50" W 1224.58'  
SECTION LINE  
2" IN STONE  
10' & USED



RECEIVED FOR RECORD THIS \_\_\_\_\_ DAY OF \_\_\_\_\_  
RECORDED IN VOLUME \_\_\_\_\_ PAGE \_\_\_\_\_  
FEE \$ \_\_\_\_\_

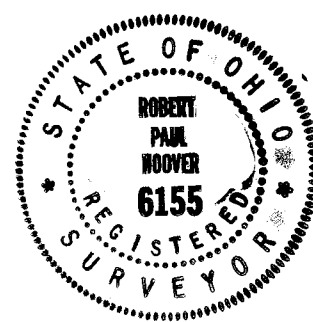
STARK COUNTY RECORDER

①  
L=190.99'  
R=745.00'  
Δ=14°41'18"  
C LEN=190.47'  
BRG=S 04°48'13" E  
T=96.02'

②  
L=248.42'  
R=570.00'  
Δ=24°58'16"  
C LEN=248.46'  
BRG=S 80°22'00" W  
T=126.22'

PLAT PREPARED BY:

Robert P. Hoover  
ROBERT P. HOOVER, P.S.  
OHIO REG. NO. 6155

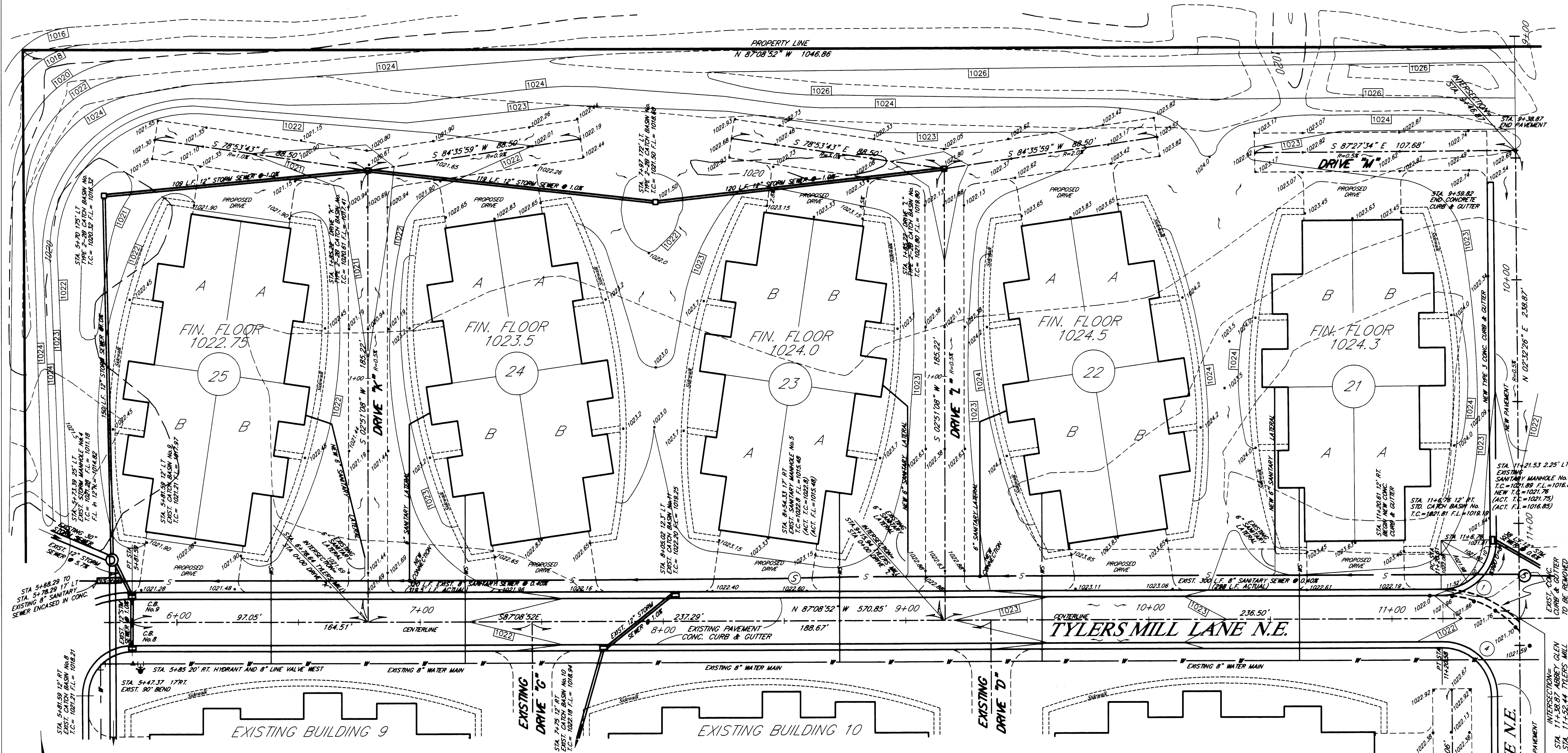


GERALD L. CODY  
REG. ARCH. No. 4771

CONDOMINIUM PLAT  
ABBEY GLEN CONDOMINIUMS  
PART OF OUT LOT 857  
IN THE CITY OF MASSILLON  
STARK COUNTY, OHIO  
FEBRUARY 2002  
CP  
SCALE: 1" = 50'

HOOVER & ASSOCIATES, Inc.  
Professional Surveying Services  
5782 Huckleberry Street N.W.  
North Canton, Ohio 44720  
phone (330) 494-6744

BENCH MARK ELEV.=1024.76  
TOP OF HYDRANT AT STA. 11+75  
20' LT. ABBEY GLEN LANE



### ABBEY GLEN CONDOMINIUMS PHASE I

EXISTING BUILDING 11

| ESTIMATED QUANTITIES<br>ABBEY GLEN - PHASE I |     |      |  |
|----------------------------------------------|-----|------|--|
| DESCRIPTION R1                               | QTY | UNIT |  |
| <b>WATER MAIN</b>                            |     |      |  |
| 8" D.I.P. WATER MAIN W/ POLYWRAP             | 402 | L.F. |  |
| 8" - 45° BEND                                | 2   | EA.  |  |
| 8" - 22 1/2° BEND                            | 2   | EA.  |  |
| 8" LINE VALVES                               | 1   | EA.  |  |
| 8" PLUG                                      | 1   | EA.  |  |
| 8" x 4" REDUCER                              | 1   | EA.  |  |
| 4" D.I.P. WATER MAIN W/ POLYWRAP             | 250 | L.F. |  |
| 4" - 22 1/2° BEND                            | 4   | EA.  |  |
| BLOW OFF ASSEMBLY                            | 1   | EA.  |  |
| HYDRANTS (COMPLETE)                          | 1   | EA.  |  |
| WATER SERVICES                               | 14  | EA.  |  |

| STORM SEWERS          |        |      |  |
|-----------------------|--------|------|--|
| 12" HDPE STORM SEWER  | 707.42 | L.F. |  |
| TYPE 2-28 CATCH BASIN | 604    | EA.  |  |
| STANDARD CATCH BASIN  | 604    | EA.  |  |

| DRIES                      |     |      |  |
|----------------------------|-----|------|--|
| EXCAVATION/EMBANKMENT      | 203 | LUMP |  |
| COMPACTED SUBGRADE         | 203 | S.Y. |  |
| BIT. PRIME COAT (ACAL/SY)  | 408 | GAL. |  |
| 1 1/2" BIT. AGGREGATE BASE | 301 | C.Y. |  |
| 1" ASPHALTIC CONCRETE      | 404 | C.Y. |  |

| ROADWAYS                    |     |      |  |
|-----------------------------|-----|------|--|
| EXCAVATION/EMBANKMENT       | 203 | LUMP |  |
| COMPACTED SUBGRADE          | 203 | S.Y. |  |
| BIT. PRIME COAT (ACAL/SY)   | 408 | GAL. |  |
| 5 1/2" BIT. AGGREGATE BASE  | 301 | C.Y. |  |
| 1" ASPHALTIC CONCRETE       | 404 | C.Y. |  |
| TYPE 3 CURB & GUTTER        | 609 | L.F. |  |
| REMOVE EXIST. CURB & GUTTER | 127 | L.F. |  |
| EROSION CONTROL             | 207 | LUMP |  |

| SANITARY SEWERS             |     |      |  |
|-----------------------------|-----|------|--|
| 8" SANITARY SEWER           | 710 | L.F. |  |
| 8" SANITARY SEWER (LATERAL) | 689 | L.F. |  |
| 8" x 6" WYES                | 9   | EA.  |  |
| 8" - 45° BENDS              | 9   | EA.  |  |
| 8" x 6" TEE SADDLE          | 2   | EA.  |  |
| 8" PLUG & MARKER            | 14  | EA.  |  |
| MANHOLES (COMPLETE)         | 3   | EA.  |  |

GRADING PLAN

### ABBEY GLEN CONDOMINIUMS PHASE II

PART OF LOT 101.857  
IN THE CITY OF MASSILLON  
STARK COUNTY, OHIO

SCALE: 1"=20' SHEET GP1

HOOVER & ASSOCIATES, Inc.

Professional Surveying Services

5782 Huckleberry Street, N.W.  
North Canton, Ohio 44720  
phone (330) 494-6744

REVISION DESCRIPTION

DATE:

DRAWN BY:

CHECKED BY:

DATE:

REVISION DESCRIPTION

DATE:

DRAWN BY:

CHECKED BY:

DATE:

REVISION DESCRIPTION

DATE:

DRAWN BY:

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REVISION DESCRIPTION

DATE:

DRAWN BY:

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DATE:

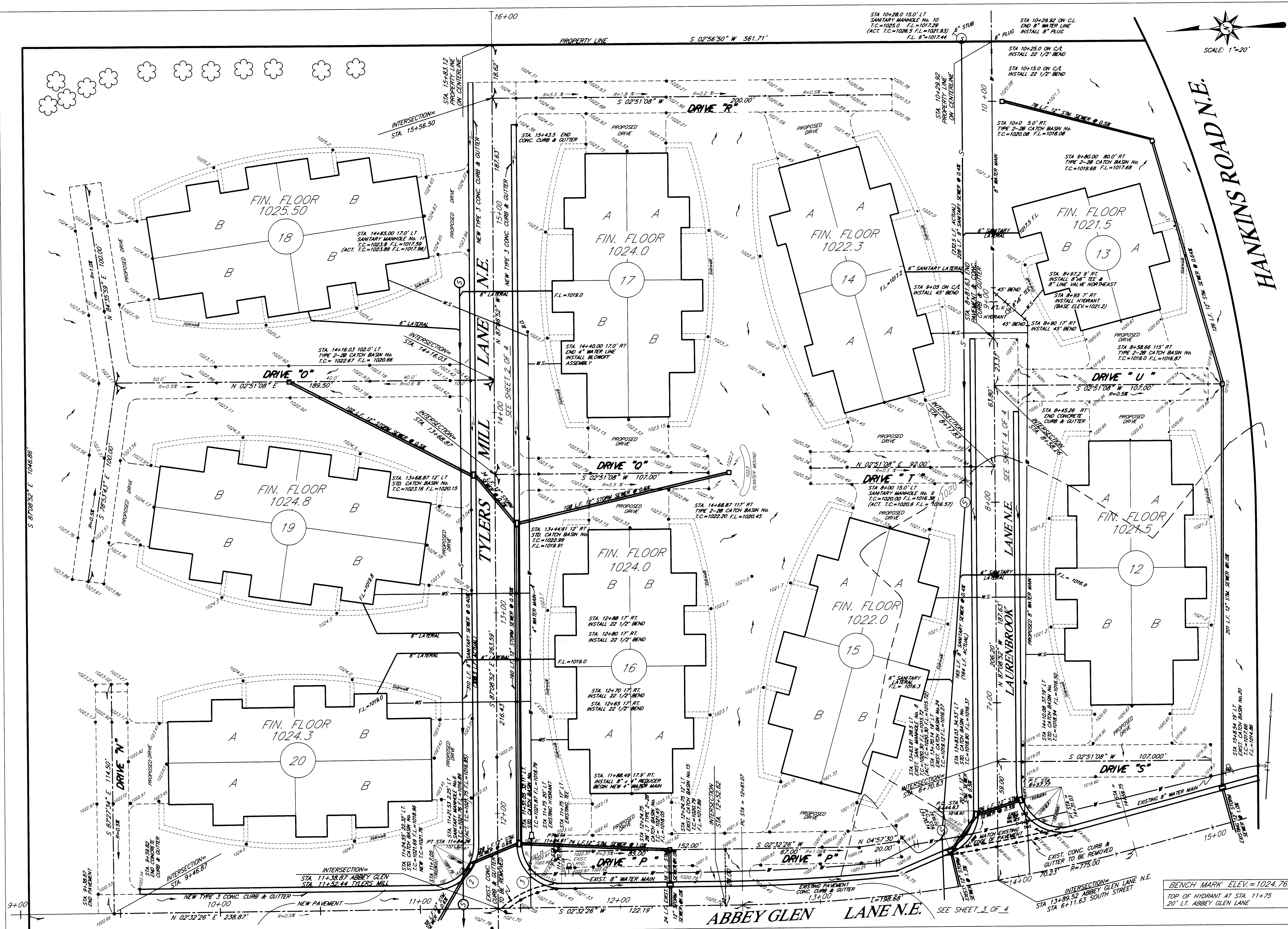
REVISION DESCRIPTION

DATE:

DRAWN BY:

CHECKED BY:

DATE:



| REVISION DESCRIPTION |            |
|----------------------|------------|
| DATE:                | APRIL 2002 |
| DATE:                | AUG. 2002  |
| DATE:                |            |
| DATE:                |            |

| DATE       | DESCRIPTION          |
|------------|----------------------|
| APRIL 2002 | REVISED SAN. & WATER |
| AUG. 2002  | ADDED ASBUILTS       |
|            |                      |
|            |                      |

| DATE       | DESCRIPTION          |
|------------|----------------------|
| APRIL 2002 | REVISED SAN. & WATER |
| AUG. 2002  | ADDED ASBUILTS       |
|            |                      |
|            |                      |

| DATE       | DESCRIPTION          |
|------------|----------------------|
| APRIL 2002 | REVISED SAN. & WATER |
| AUG. 2002  | ADDED ASBUILTS       |
|            |                      |
|            |                      |

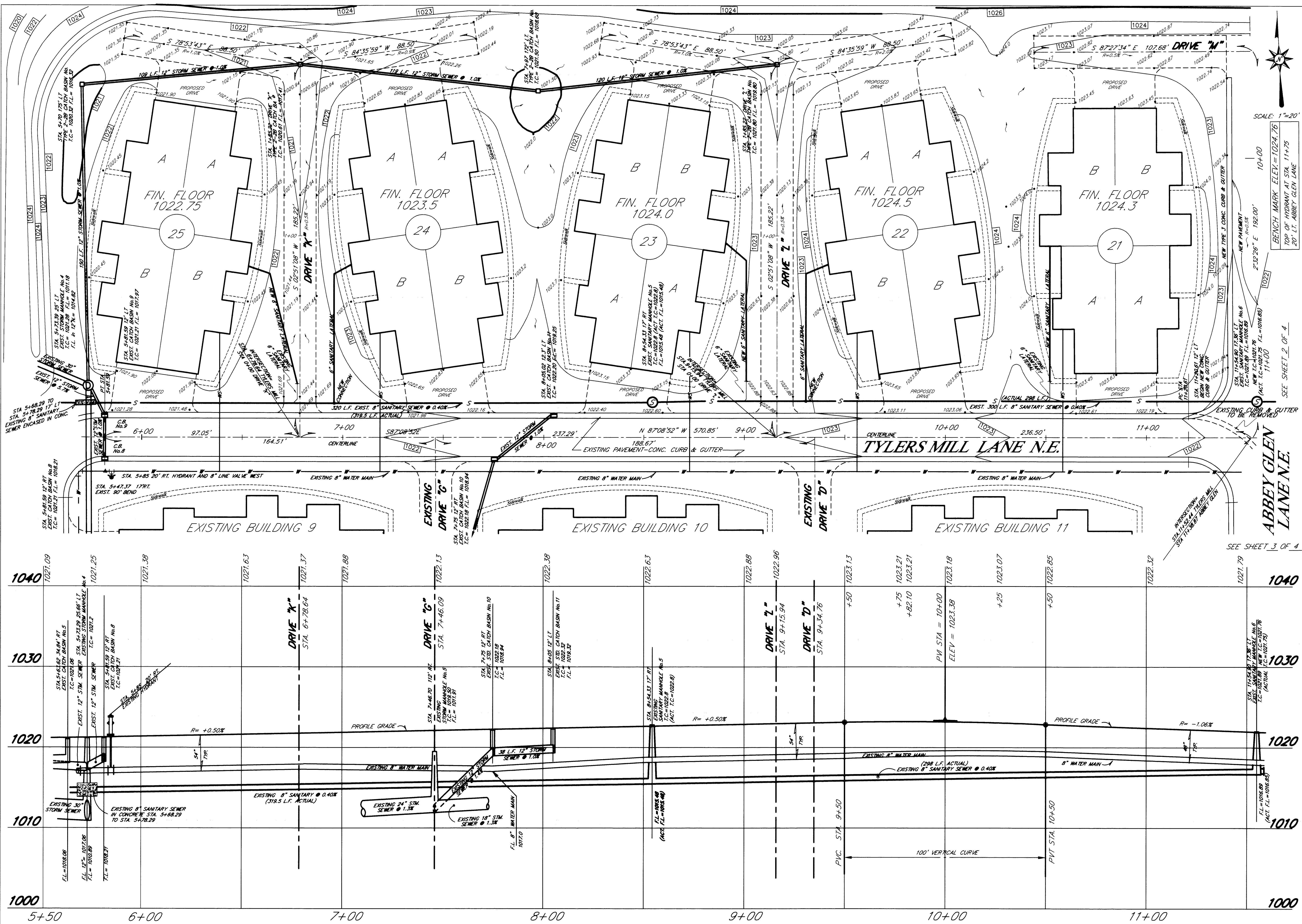
  

**HOOPER & ASSOCIATES, Inc.**  
Professional Surveying Services  
5782 Huckleberry Street N.W.  
North Canton, Ohio 44720  
Phone (330) 494-6744

**GRADING PLAN**  
**ABBEY GLEN CONDOMINIUMS**  
**PHASE II**  
PART OF OUT LOT 657  
IN THE CITY OF MASSILLON  
STARK COUNTY, OHIO

**SCALE: 1"=20'**  
**FEBRUARY 2002**  
**SHEET GP-2**



SCALE: 1"=20'  
BENCH MARK ELEV.=1024.76  
TOP OF HYDRANT AT STA. 11+75  
20' LT. ABBEY GLEN LANE

| REVISION DESCRIPTION      |           |
|---------------------------|-----------|
| DATE:                     | AUG. 2002 |
| DRAWN BY:                 |           |
| CHECKED BY:               |           |
| ADDED SANITARY ASSEMBLIES |           |

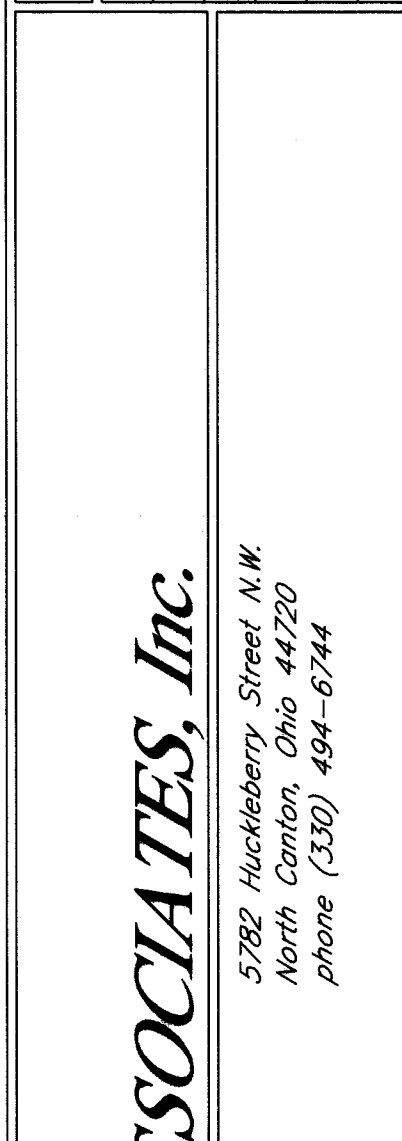
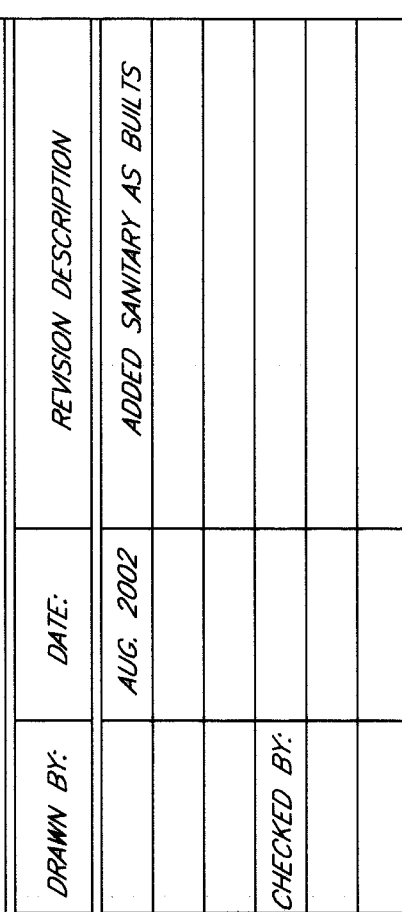
**PLAN & PROFILE (EXISTING TYLERS MILL LANE)**

**ABBEY GLEN CONDOMINIUMS**  
PART OF OUT LOT 857  
IN THE CITY OF MASSILLON  
STARK COUNTY, OHIO

**HOOVER & ASSOCIATES, Inc.**  
Professional Surveying Services  
5782 Huckleberry Street N.W.  
North Canton, Ohio 44720  
phone (330) 494-6744

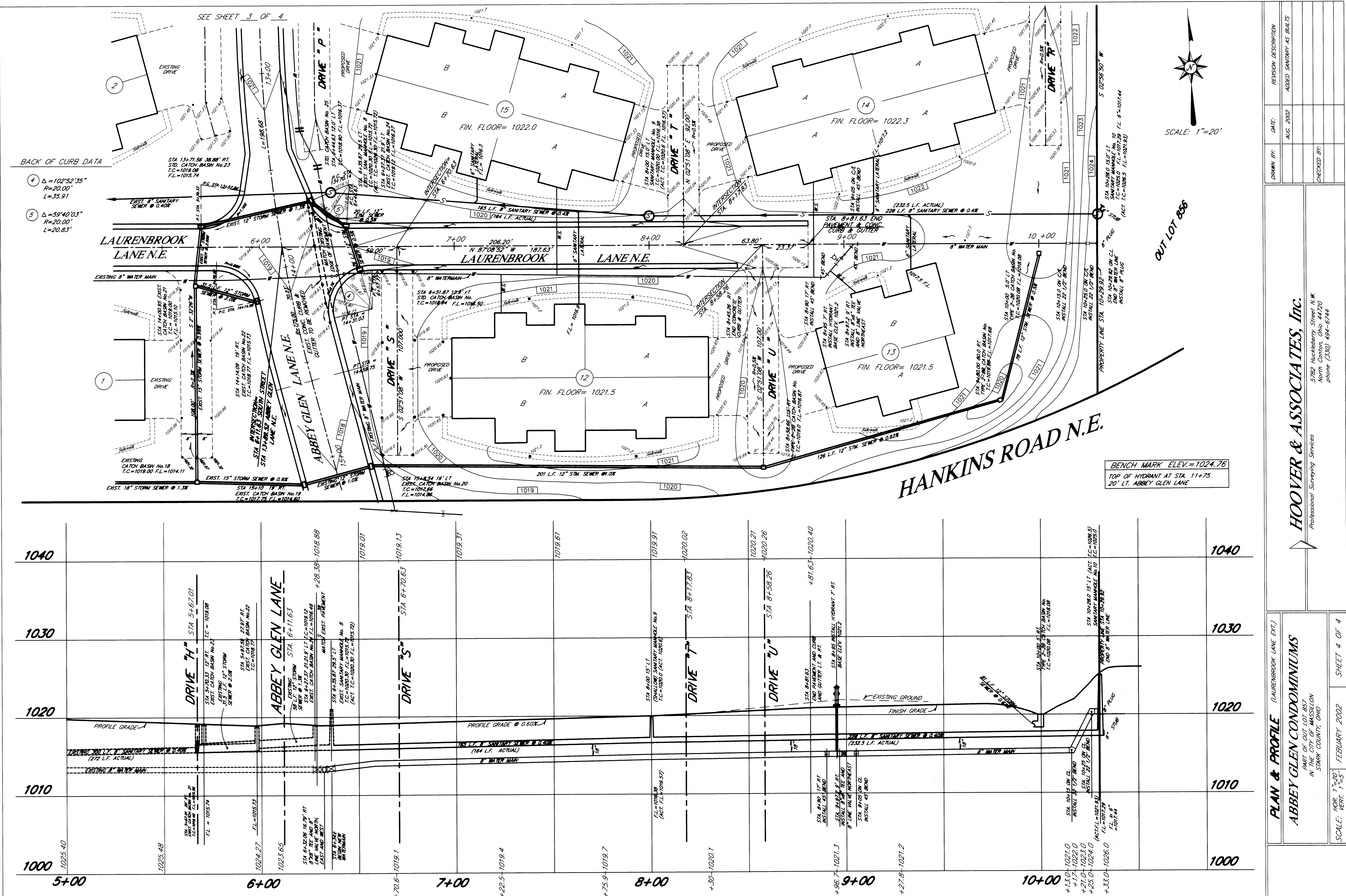
HOR. 1"=20'  
VERT. 1"=5'  
FEBRUARY 2002  
SHEET 1 OF 4





**HOOVER & AS**  
Professional Surveying Services

|                                                                     |               |
|---------------------------------------------------------------------|---------------|
| <i>PLAN &amp; PROFILE</i> (ABBEE GLEN LANE)                         |               |
| <i>ABBEE GLEN CONDOMINIUMS</i>                                      |               |
| PART OF LOT 101 BEG.<br>IN THE CITY OF MILLON<br>STARK COUNTY, OHIO |               |
| SCALE: HOR. 1"=20'<br>VERT. 1"=5'                                   | FEBRUARY 2002 |
| SHEET 3 OF 4                                                        |               |



PLAN & PROFILE (LAURENBROOK LANE EXT.)

HOVER & ASSOCIATES, Inc.

Abbey Glen Condominiums

DATE: AUG. 2002

CHECKED BY:

REVISION DESCRIPTION: ADDED SANITARY AS BUILTS

5782 Huckleberry Street N.W.

North Canton, Ohio 44720

phone (330) 494-6744

Professional Surveying Services

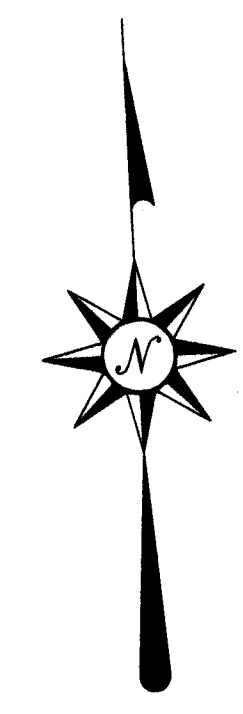
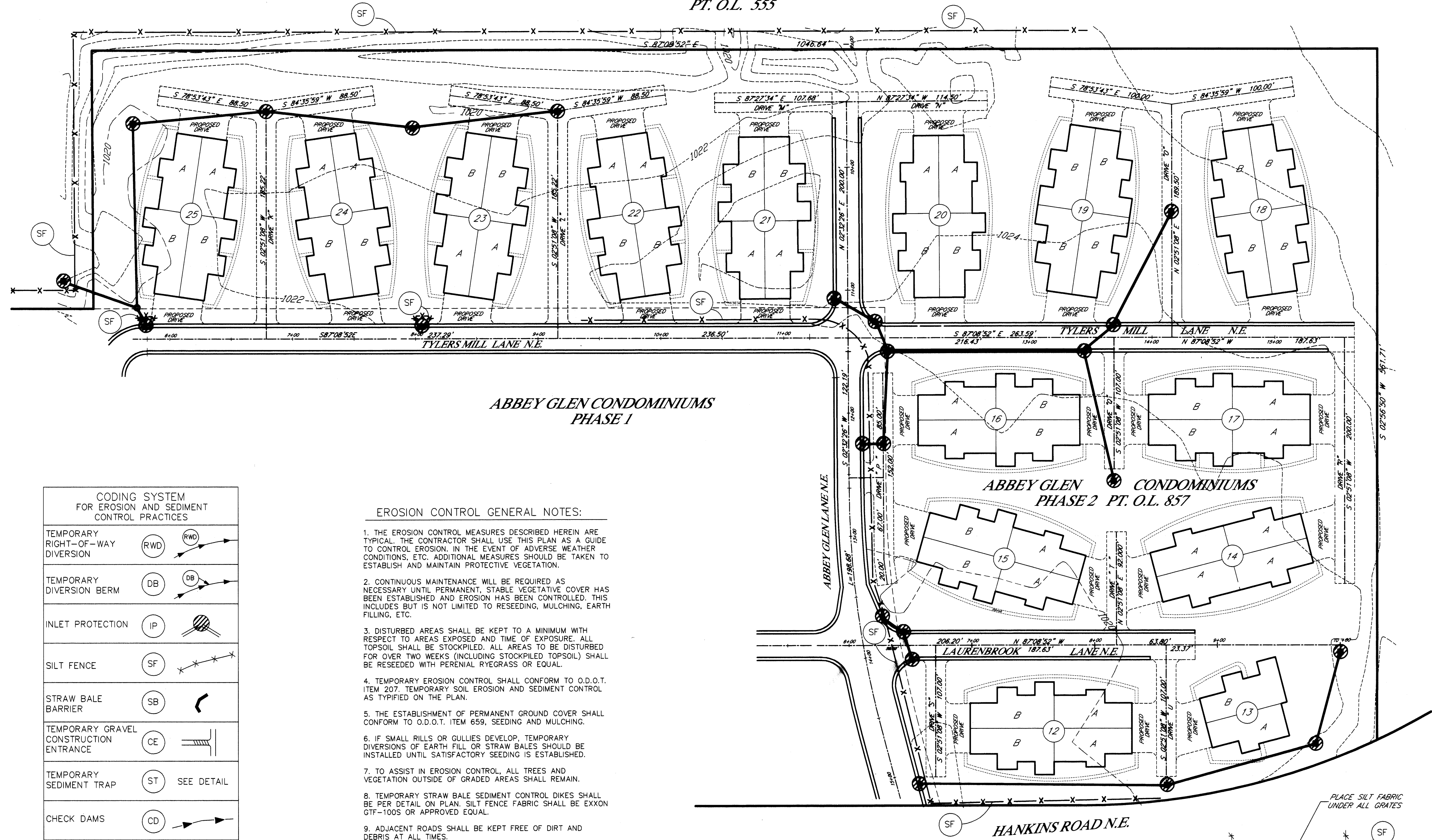
SCALE: HOR. 1"=20'

VERT. 1"=5'

SHEET 4 OF 4

FEBRUARY 2002

PT. O.L. 555

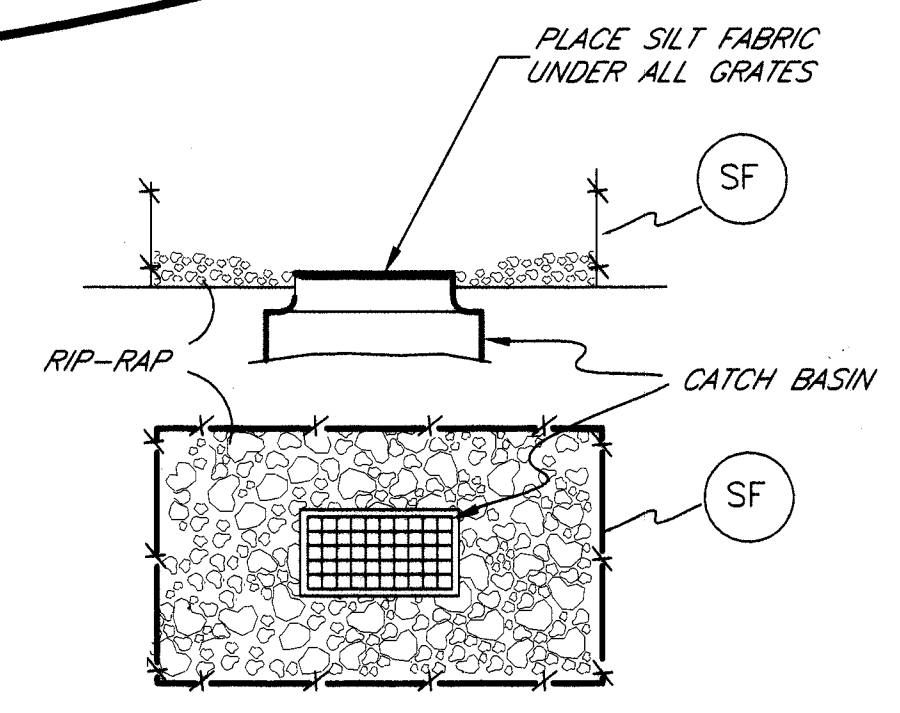


| CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES |               |
|----------------------------------------------------------|---------------|
| TEMPORARY RIGHT-OF-WAY DIVERSION                         | RWD           |
| TEMPORARY DIVERSION BERM                                 | DB            |
| INLET PROTECTION                                         | IP            |
| SILT FENCE                                               | SF            |
| STRAW BALE BARRIER                                       | SB            |
| TEMPORARY GRAVEL CONSTRUCTION ENTRANCE                   | CE            |
| TEMPORARY SEDIMENT TRAP                                  | ST SEE DETAIL |
| CHECK DAMS                                               | CD            |
| DRAINAGE DIVIDES                                         |               |
| SILTATION DIVIDES                                        |               |
| AREA TO BE CLEARED AND/OR GRADED                         |               |

EROSION CONTROL GENERAL NOTES:

1. THE EROSION CONTROL MEASURES DESCRIBED HEREIN ARE TYPICAL. THE CONTRACTOR SHALL USE THIS PLAN AS A GUIDE TO CONTROL EROSION. IN THE EVENT OF ADVERSE WEATHER CONDITIONS, ETC. ADDITIONAL MEASURES SHOULD BE TAKEN TO ESTABLISH AND MAINTAIN PROTECTIVE VEGETATION.
2. CONTINUOUS MAINTENANCE WILL BE REQUIRED AS NECESSARY UNTIL PERMANENT, STABLE VEGETATIVE COVER HAS BEEN ESTABLISHED AND EROSION HAS BEEN CONTROLLED. THIS INCLUDES BUT IS NOT LIMITED TO RESEEDING, MULCHING, EARTH FILLING, ETC.
3. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM WITH RESPECT TO AREAS EXPOSED AND TIME OF EXPOSURE. ALL TOPSOIL SHALL BE STOCKPILED. ALL AREAS TO BE DISTURBED FOR OVER TWO WEEKS (INCLUDING STOCKPILED TOPSOIL) SHALL BE RESEEDING WITH PERENNIAL RYEGRASS OR EQUAL.
4. TEMPORARY EROSION CONTROL SHALL CONFORM TO O.D.O.T. ITEM 207. TEMPORARY SOIL EROSION AND SEDIMENT CONTROL AS TYPIFIED ON THE PLAN.
5. THE ESTABLISHMENT OF PERMANENT GROUND COVER SHALL CONFORM TO O.D.O.T. ITEM 659, SEEDING AND MULCHING.
6. IF SMALL RILLS OR GULLIES DEVELOP, TEMPORARY DIVERSIONS OF EARTH FILL OR STRAW BALES SHOULD BE INSTALLED UNTIL SATISFACTORY SEEDING IS ESTABLISHED.
7. TO ASSIST IN EROSION CONTROL, ALL TREES AND VEGETATION OUTSIDE OF GRADED AREAS SHALL REMAIN.
8. TEMPORARY STRAW BALE SEDIMENT CONTROL DIKES SHALL BE PER DETAIL ON PLAN. SILT FENCE FABRIC SHALL BE EXXON GTF-100S OR APPROVED EQUAL.
9. ADJACENT ROADS SHALL BE KEPT FREE OF DIRT AND DEBRIS AT ALL TIMES.
10. ALL EROSION CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT MANUAL.
11. ALL S.W.P.P.P. ITEMS MUST BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATIONS.

NOTE: INSTALL SILT FENCE BETWEEN GRATE & CASTING OF ALL PROPOSED INLETS. REMOVE UPON COMPLETION OF PAVING & ESTABLISHMENT OF PERMANENT VEGETATION.



INLET PROTECTION DETAIL

|                                                             |               |                                                                            |  |
|-------------------------------------------------------------|---------------|----------------------------------------------------------------------------|--|
| STORM WATER PREVENTION PLAN                                 |               | HOOVER & ASSOCIATES, Inc.                                                  |  |
| ABBEY GLEN CONDOMINIUMS                                     |               | Professional Surveying Services                                            |  |
| PART OF LOT 857 IN THE CITY OF MASSILLON STARK COUNTY, OHIO |               | 5782 Huckleberry Street N.W. North Canton, Ohio 44720 phone (330) 494-6744 |  |
| SCALE: 1"=40'                                               | FEBRUARY 2002 | SWP3                                                                       |  |
| REVISION DESCRIPTION                                        |               | DATE                                                                       |  |
| DRAWN BY:                                                   |               | CHECKED BY:                                                                |  |