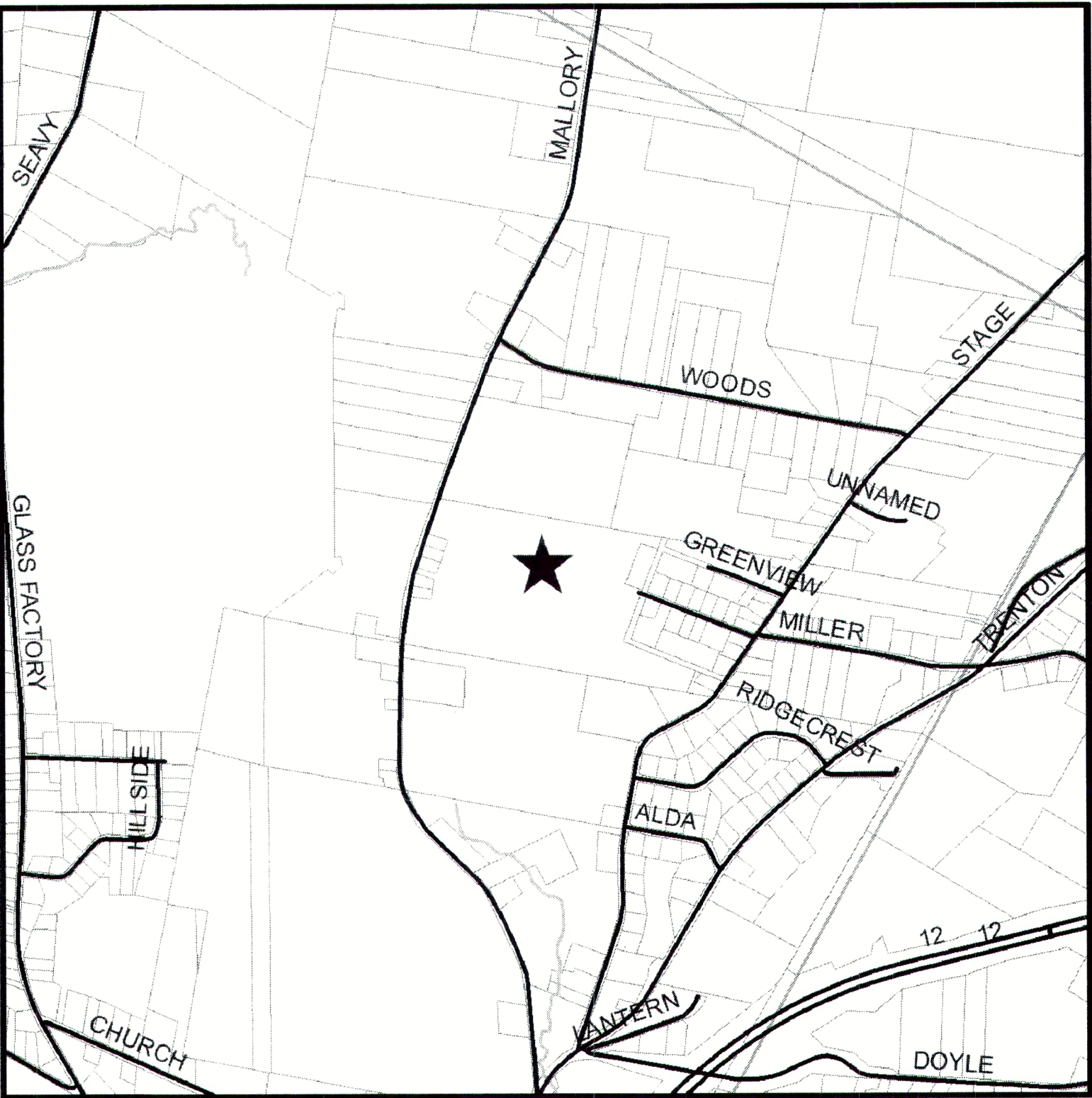
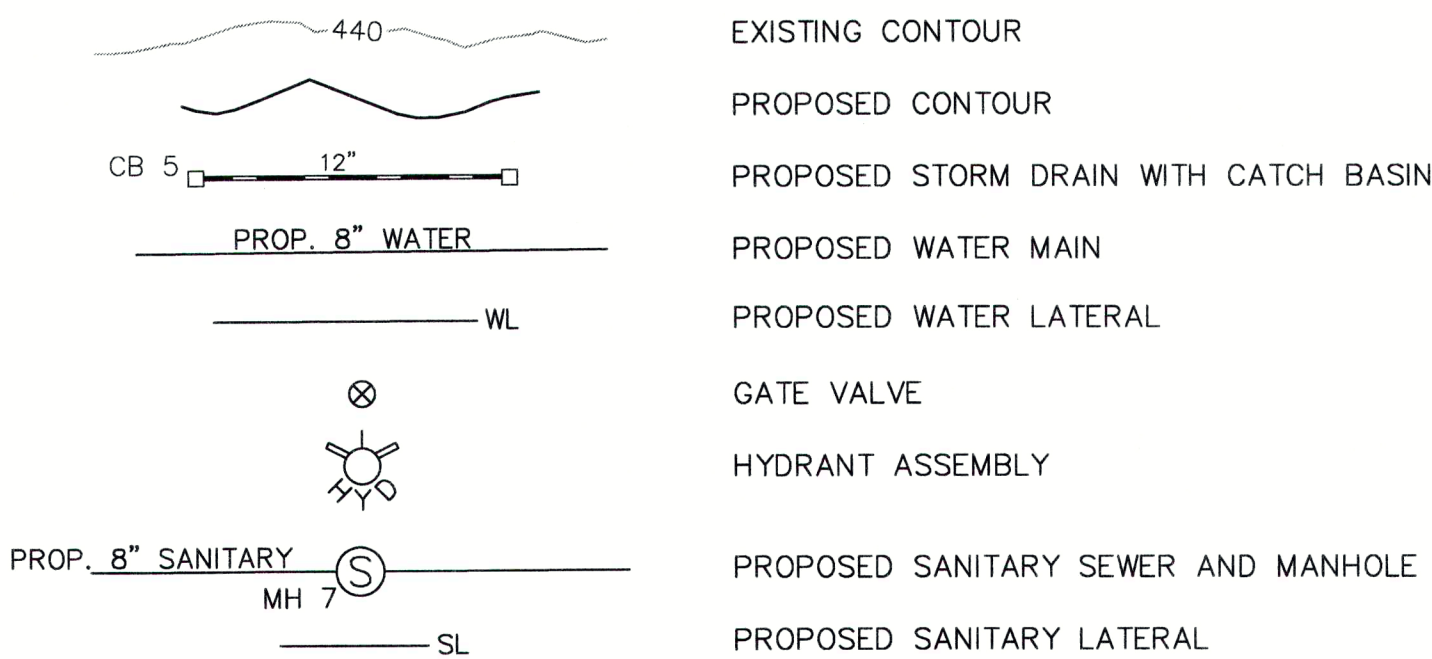


KRAKOWIAK DEVELOPMENT
TOWN OF MARCY, ONEIDA COUNTY

APPLICANT: ROGER KRAKOWIAK
2275 BLEECKER STREET
UTICA, NY 13501

LEGEND



LOCATION MAP
SCALE: 1"=2000'

CONSTRUCTION NOTES

- CONTRACTOR/OWNER SHALL:
1. OBTAIN ALL APPLICABLE PERMITS.
2. FLAG THE WORK LIMITS.
3. HOLD PRE-CONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.
4. INSTALL AND MAINTAIN ALL COMPONENTS OF THE EROSION CONTROL AND SWPPP PROGRAM AS SHOWN ON THESE PLANS AND CONTAINED IN THE SWPPP REPORT, INCLUDING BUT NOT LIMITED TO:
a. KEEP ONE COPY OF THE PLANS AND REPORT ON SITE.
b. INSTALL THE TEMPORARY STABILIZED CONSTRUCTION ENTRANCE AND DRIVEWAY.
c. INSTALL SILT FENCING TO PROTECT OUTSIDE AREAS AND DRAINAGE COURSES WHERE SHOWN ON THE PLANS.
d. INSTALL AND MAINTAIN AT LEAST ONE CONCRETE WASH OUT BASIN.
5. CLEAR AND ROUGH GRADE THE ROADWAY AND UTILITY AREAS. STOCKPILE EXCESS SOIL MATERIAL AND INSTALL SILT FENCING AROUND THE DOWNHILL PORTION OF THE STOCKPILE. SEED AND MULCH STOCKPILE WITHIN TWO WEEKS.
6. CLEAR, GRUB AND ROUGH GRADE THE AREAS ADJACENT TO THE ROADWAYS 50 FEET +/- TO EITHER SIDE OF THE CENTERLINE.
7. INSTALL THE UNDERGROUND UTILITIES. FOR THOSE UTILITIES OUTSIDE OF THE PROPOSED ROADWAY, GRADE, SEED AND MULCH THE AREA DISTURBED BY THE UTILITY LINE CONSTRUCTION.
8. INSTALL THE BASE COURSE OF STONE FOR THE PROPOSED DRIVEWAY.
9. FINE GRADE THE AREAS ON EITHER SIDE OF THE ROADWAY TO MEET THE EXISTING UNDISTURBED GROUND. SEED AND MULCH THE GRADED AND DISTURBED AREAS OUTSIDE OF THE ROADWAY.
10. AFTER THE UTILITIES HAVE BEEN INSTALLED, PAVE THE ROADWAY WITH THE BINDER COURSE OF ASPHALT.
11. CLEAR AND GRADE THE AREAS FOR EACH BUILDING AS THEY PROGRESS. INSTALL SILT FENCING AROUND THE DOWNHILL PERIMETER OF EACH BUILDING SITE.
12. ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSPECTED WEEKLY AND AFTER RAINFALL EVENTS. NEEDED REPAIRS SHALL BE MADE IMMEDIATELY.
13. AFTER THE ENTIRE SITE IS PERMANENTLY STABILIZED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND INSTALL PERMANENT VEGETATION ON THESE DISTURBED AREAS.

COUNTY ROAD WORK NOTES

- 1. A PERMIT WILL BE REQUIRED FOR ALL WORK PERFORMED WITHIN THE RIGHT-OF-WAY FOR MALLORY ROAD (COUNTY ROAD 87).
2. A STOP SIGN SHALL BE PROVIDED BY THE PERMIT APPLICANT TO THE O.C.D.P.W. FOR THE O.C.D.P.W.'S INSTALLATION PRIOR TO DEDICATION OF ADIRONDACK VIEW HEIGHTS ROAD TO THE TOWN. THE STOP SIGN DEVICE/SIZE SPECIFICATION WILL BE PROVIDED IN THE ACCESS PERMIT.

THESE PLANS SHOW THE TWO PHASES COMPRISING THE FULL BUILD-OUT OF THE PROJECT. THE DATE OF RECEIPT OF THE FINAL APPROVAL OF THESE PLANS BY ALL OF THE INVOLVED AGENCIES IS DEFINED AS THE APPROVAL DATE. THE OWNER WILL BE PERMITTED TO BEGIN CONSTRUCTION WITHIN A 2 YEAR PERIOD OF THE "APPROVAL" DATE. PHASE 2 CONSTRUCTION SHALL START WITHIN THE 2 YEAR PERIOD AFTER THE PHASE 1 START DATE.

Krakowiak Subdivision - Town of Marcy Planning Board Approval Conditions (11/15/21)

- 1. Review and confirm completion of applicable conditions with Planning Board Chair prior to contacting Codes Office for associated permits for each phase.
2. A separate Phase 1A Plat will be signed upon filing of the conservation easement and substantial completion of the storm water basin adjacent to it.
3. A grading permit can be obtained for Phase 1B upon completion of the following conditions:
a. Final review of Plat and easements on the plans dated 5/7/18, last revised 9/17/21 to incorporate comments of the Town Attorney.
b. Road access to Mallory Road is subject to permit conditions by Oneida County DPW. Provide a copy of such conditions based on the plans dated 5/7/18, last revised 9/17/21.
c. Provide a copy of Mohawk Valley Water Board approval, and any conditions they impose, of the plans dated 5/7/18, last revised 9/17/21.
d. Application for permit shall be submitted within 24 months from the date of this approval. The Planning Board may grant an extension for good reason.
e. Payment of permit fees and inspection fees as established by the town.
f. Construction shall be substantially completed within 12 months of permit.
4. The Phase 1B Plat will be signed upon completion of the following conditions:
a. Copy of contract with property owner to receive "outlot A."
b. All the conditions required to obtain the grading permit for this phase.
c. Acceptance of documents for dedication of the road, public utilities, road ROW and easements by Town Attorney as suitable for presentation to the Town Board.
d. Provision of acceptable bond for any incomplete public improvements based upon inspection report of designated town officials.
5. A grading permit can be obtained for Phase 2 upon completion of the following conditions.
a. Substantial completion of Phase 1B and conditions for Phase 1B Plat.
b. Final review of Plat and easements on the plans dated 5/7/18, last revised 9/17/21 to incorporate comments of the Town Attorney.
c. Completion of Town Sewer Improvements in area of Mulaney Road (anticipated 2022).
d. Application for permit shall be submitted within 60 months from the date of this approval. The Planning Board may grant an extension for good reason.
e. Payment of permit fees and inspection fees as established by the town.
f. Construction shall be substantially completed within 12 months of permit.
6. The Phase 2 Plat will be signed upon completion of the following conditions:
a. All the conditions required to obtain the grading permit for this phase.
b. Abandonment of paper streets by the Town of Marcy
c. Acceptance of documents for dedication of the road, public utilities, road ROW and easements by Town Attorney as suitable for presentation to the Town Board.
d. Provision of acceptable bond for any incomplete public improvements based upon inspection report of designated town officials.

TOTAL SITE AREA = 69.516 ACRES

SHEET INDEX

PLAT A	PLAT MAP (80 SCALE) - PHASE 1A & 1B
PLAT B	PLAT MAP (80 SCALE) - PHASE 2
SHEET 1	EXISTING SITE PLAN (100 SCALE)
SHEET 1B	PROPOSED SITE PLAN OVERVIEW
SHEET 2A	PROPOSED SITE PLAN - WEST SIDE (50 SCALE)
SHEET 2B	PROPOSED SITE PLAN - EAST SIDE (50 SCALE)
SHEET 3A	PROPOSED SITE PLAN WITH CONTOURS AND GRADING
SHEET 3B	PROPOSED SITE PLAN WITH CONTOURS AND GRADING
SHEET 3C	PROPOSED MALLORY ROAD INTERSECTION (20 SCALE)
SHEET 4A	PROPOSED ROAD, WATER AND STORM DRAIN PROFILE - WEST SIDE
SHEET 4B	PROPOSED ROAD, WATER AND STORM DRAIN PROFILE - EAST SIDE
SHEET 5A	PROPOSED ROAD, SANITARY SEWER AND STORM DRAIN PROFILE - WEST SIDE
SHEET 5B	PROPOSED ROAD, SANITARY SEWER AND STORM DRAIN PROFILE - EAST SIDE
SHEET 6	ROADWAY DETAILS
SHEET 7	DRAINAGE DETAILS
SHEET 8	WATER LINE/SERVICE DETAILS
SHEET 9A	SANITARY SEWER DETAILS - GRAVITY
SHEET 9B	SANITARY SEWER DETAILS - ENVIRONMENT ONE
SHEET 10	EROSION CONTROL DETAILS
SHEET 11A	NORTH BASIN PLAN AND DETAILS
SHEET 11B	SOUTH BASIN PLAN AND DETAILS
SHEET 12	MISCELLANEOUS DETAILS

SCALE: AS SHOWN	DATE: 05/07/18
DWN. BY: E.JL	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKDET
DWG. NO.:	TITLE

DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

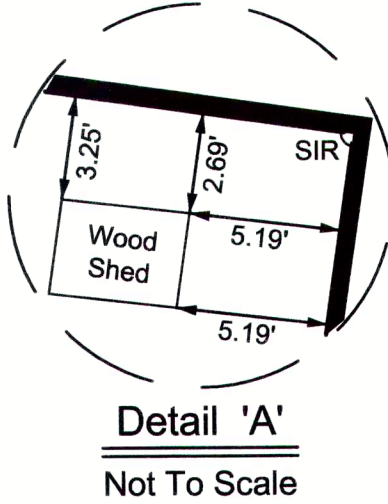
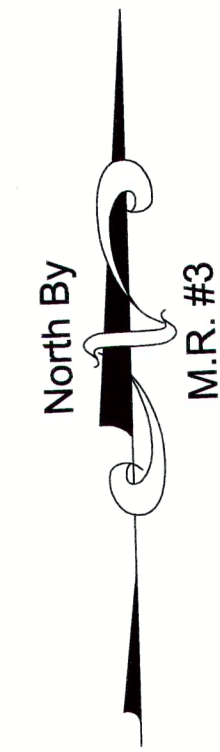
BOULDER CONSULTANTS

KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

TITLE SHEET

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DATE	BY	REVISION
12/03/18	E.JL	REVISED
12/27/18	E.JL	REVISED
09/10/20	E.JL	REVISED
08/11/21	E.JL	REVISED
09/17/21	E.JL	REVISED



Mary Anna Zielienski
(Now Or Formerly)
Liber 743 / Page 145

Being Tax Parcel No. 264.000-3-45.1
(6641 Mallory Road)

Robert Krakowiak
(Now Or Formerly)

Being Tax Parcel No. 264.000-3-36.1

PHASE 1 IS ZONED AG

PHASE 1 LOT AREAS

LOT	TOTAL AREA (ACRES)	DEVELOPABLE AREA (ACRES)	CONSERVATION AREA (ACRES)*
1	1.00	1.00	0.0
2	7.78	0.58	7.20
3	0.52	0.52	0.0
4	0.38	0.38	0.0
5	0.38	0.38	0.0
6	0.37	0.37	0.0
7	0.41	0.41	0.0
8	0.31	0.31	0.0
9	0.34	0.34	0.0
42	0.43	0.43	0.0
43	0.39	0.39	0.0
44	0.44	0.44	0.0
45	0.41	0.41	0.0
46	0.63	0.63	0.0
47	0.63	0.63	0.0
48	0.61	0.61	0.0
49	0.63	0.63	0.0
50	0.46	0.46	0.0
51	0.46	0.46	0.0
52	6.69	1.32	5.37
OUTLOT A	0.32	—	—
OUTLOT B	1.64	—	—
OUTLOT C	1.23	—	—
ROADWAY	1.80	—	—

* CONSERVATION AREA NOTE:
NO CONSTRUCTION/UTILITY WORK SHALL BE PERFORMED WITHIN THE DESIGNATED CONSERVATION AREAS. NO TEMPORARY OR PERMANENT STRUCTURE SHALL BE CONSTRUCTED WITHIN THE DESIGNATED CONSERVATION AREAS. NO CLEARING OF VEGETATION (EXCEPT FOR POISONOUS VEGETATION) SHALL BE CUT DOWN OR REMOVED FROM THE CONSERVATION AREA. NO CLEAR CUTTING OF TREES SHALL BE PERMITTED. ONLY SELECTIVE LOGGING AND CUTTING OF DEAD OR DISEASED TREES. NO TREE, BRUSH OR LAWN CLIPPINGS SHALL BE DISPOSED OF WITHIN THE CONSERVATION AREAS.

PHASING NOTE:

LOT 52 IS PHASE 1A
LOTS 1-9 AND 42-51 ARE PHASE 1B

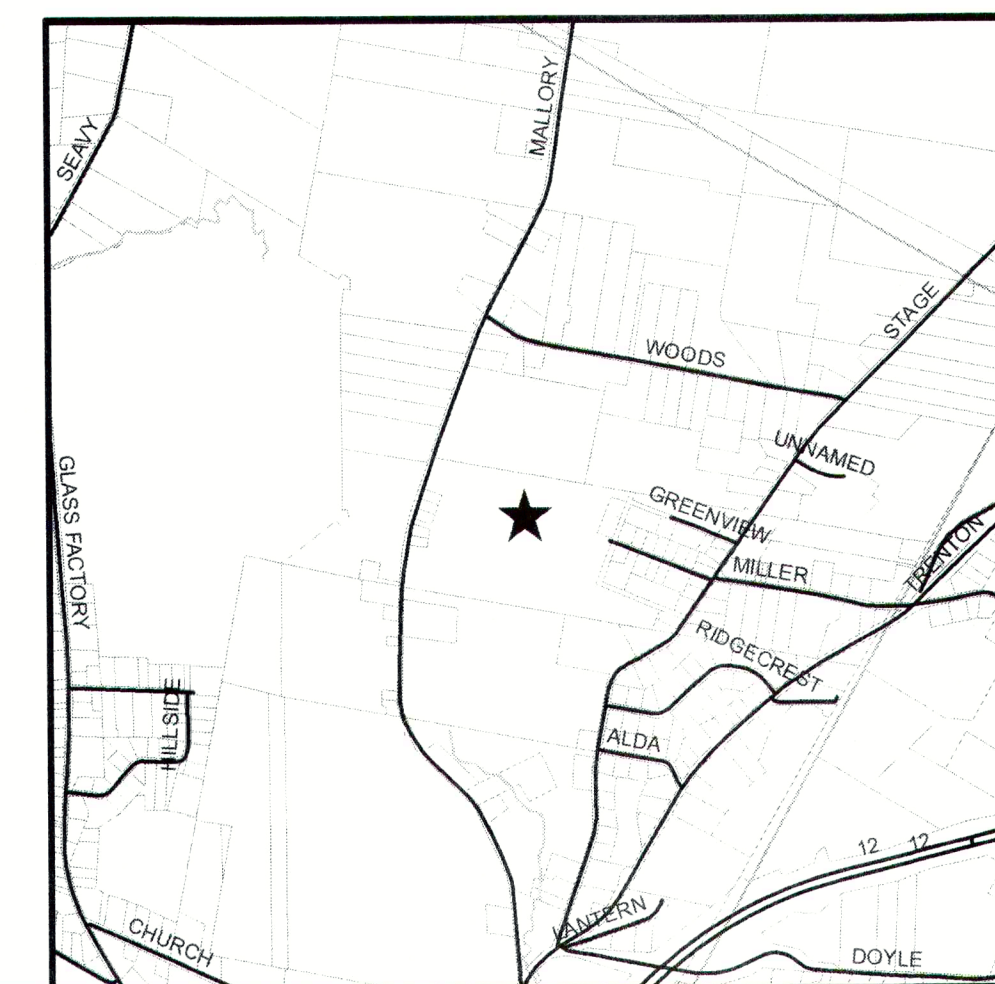
LEGEND

MONUMENT MON
IRON PIN IP

NOTES:

- THE DRIVEWAYS FOR LOTS 1 AND 51 SHALL CONNECT TO THE PROPOSED ADIRONDACK VIEW HEIGHTS ROAD.
- THE DRIVEWAY FOR LOT 52 SHALL BE CONSTRUCTED WITH A TURN AROUND OR FULL LOOP.
- THE CORNERS OF THE PROPOSED LOTS SHALL BE PINNED. MONUMENTS SHALL BE SET AT THE CORNERS OF THE OVERALL PROPERTY AND AT THE LOCATIONS SHOWN ALONG THE PROPOSED ROADWAY RIGHT-OF-WAY.

LOCATION MAP
SCALE: 1"=200'



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DATE	BY	REVISION
05/17/21	E.J.L.	CONS. AREAS
08/11/21	E.J.L.	REVISED
09/17/21	E.J.L.	REVISED
11/10/21	E.J.L.	REVISED

DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

PLAT MAP
PHASE 1

BOULDER CONSULTANTS

KRAKOWIAK SUBDIVISION
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

SCALE: 1"=80'
DWN. BY: E.J.L.
JOB NO.: 15087
DWG. NO.:
DATE: 03/09/21
CKD. BY: DDE
FILE: KRAKSITE
PLAT A

Richard Ernst
and
Casey Ernst
(Now Or Formerly)
Instrument Nos. 2004-029746,
2004-029747 and 2004-029748

Being Tax Parcel No. 279.001-2-1.1
(6414 Stage Road)

Mary Anna Zielienski
(Now Or Formerly)
Liber 743 / Page 145
Being Tax Parcel No. 264.000-3-45.1
(6641 Mallory Road)

NOTES:
1. THE CORNERS OF THE PROPOSED LOTS SHALL BE PINNED.
MONUMENTS SHALL BE SET AT THE CORNERS OF THE OVERALL
PROPERTY AND AT THE LOCATIONS SHOWN ALONG THE PROPOSED
ROADWAY RIGHT-OF-WAY.

Robert Krakowiak
(Now Or Formerly)
Being Tax Parcel No. 264.000-3-36.1

Richard Ernst
and
Casey Ernst
(Now Or Formerly)
Instrument Nos. 2004-029746,
2004-029747 and 2004-029748
Being Tax Parcel No. 279.001-2-1.1
(6414 Stage Road)

Cynthia Comstock
(Now Or Formerly)
Instrument No. 2004-019800
Being Tax Parcel No. 279.001-2-1.2
(6389 Stage Road)

Louis A. Steppello, Jr.
(Now Or Formerly)
Instrument No. 2016-004462
Being Tax Parcel No. 279.001-2-8
(6419 Stage Road)

PHASE 2 LOT AREAS

LOT	TOTAL AREA (ACRES)	DEVELOPABLE AREA (ACRES)	CONSERVATION AREA (ACRES)*
10	0.34	0.34	0.0
11	0.34	0.34	0.0
13	0.33	0.33	0.0
14	0.34	0.34	0.0
15	0.34	0.34	0.0
16	0.34	0.34	0.0
17	0.34	0.34	0.0
18	0.34	0.34	0.0
19	0.34	0.34	0.0
20	0.34	0.34	0.0
21	0.37	0.37	0.0
22	0.46	0.46	0.0
23	0.54	0.54	0.0
24	6.78	0.62	6.16
25	19.29	1.32	17.97
26	0.56	0.56	0.0
27	0.56	0.56	0.0
28	0.38	0.38	0.0
29	0.34	0.34	0.0
30	0.34	0.34	0.0
31	0.34	0.34	0.0
32	0.34	0.34	0.0
33	0.34	0.34	0.0
34	0.34	0.34	0.0
35	0.34	0.34	0.0
36	0.48	0.48	0.0
37	0.56	0.56	0.0
38	0.34	0.34	0.0
39	0.34	0.34	0.0
40	0.34	0.34	0.0
41	0.34	0.34	0.0
R.A. OUTLOT 2	0.09	-	-
R.A. OUTLOT 3	0.29	-	-
R.A. OUTLOT 4	0.12	-	-
R.A. OUTLOT 5	0.10	-	-
ROADWAY	1.98	-	-

(R.A. OUTLOTS ARE ROAD ABANDONMENT AREAS)
* CONSERVATION AREA NOTE:
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DATE	BY	REVISION
05/17/21	EJL	CONS. AREAS
08/11/21	EJL	REVISED
09/17/21	EJL	REVISED
11/16/21	EJL	OUTLOT 1

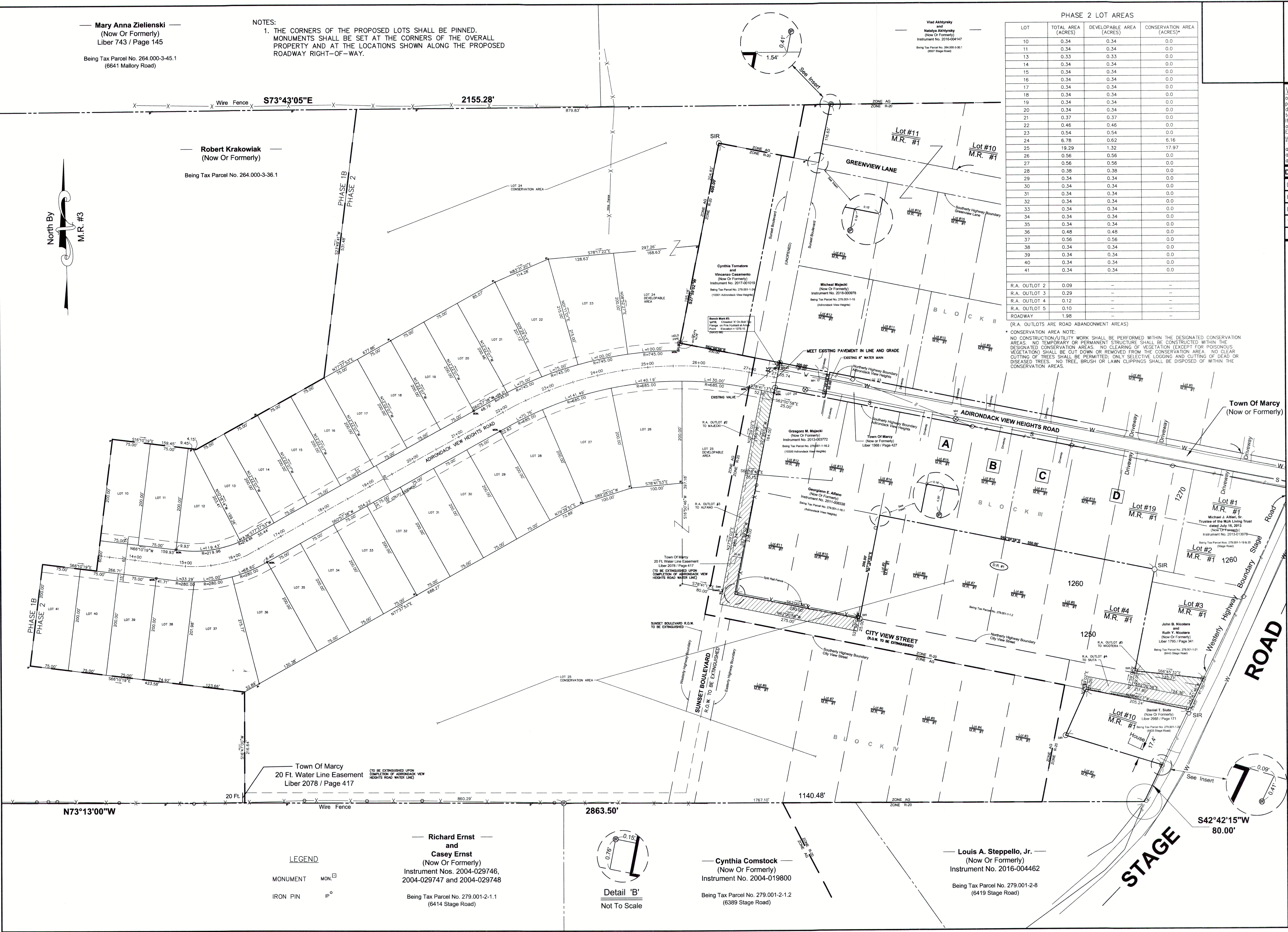
DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

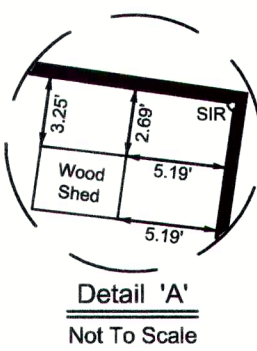
BOULDER CONSULTANTS

KRAKOWAK SUBDIVISION
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

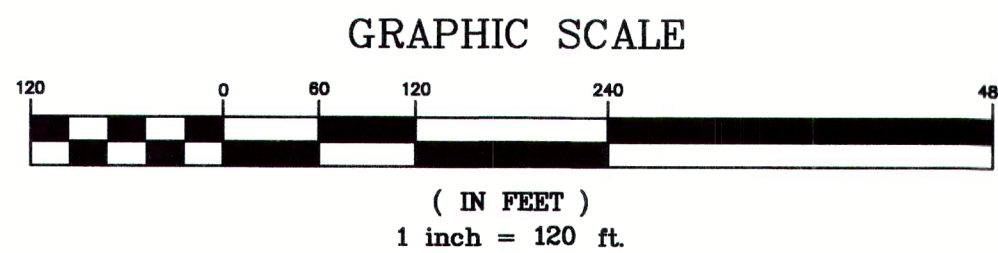
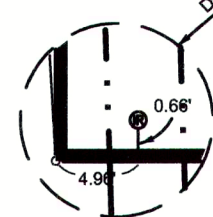
SCALE: 1"=80'	DATE: 03/09/21
DWN. BY: EJL	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKSITE
DWG. NO.:	PLAT B

PLAT MAP
PHASE 2





Bench Mark #2:
1916, Chiselled "X" On Bolt Top
Flange on Fire Hydrant at Arrow
Point. Elevation = 1133.54
(NAVD 83)



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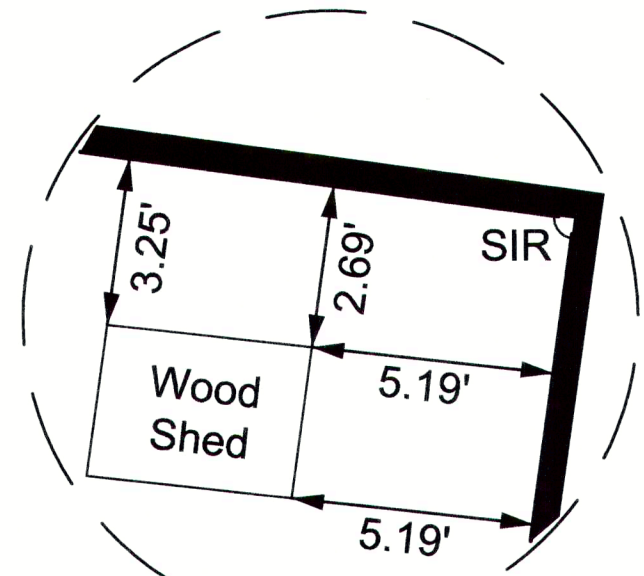
DATE	BY	REVISION
12/27/19	E.J.L.	REVISED
03/23/20	E.J.L.	REVISED
07/24/20	E.J.L.	REVISED
09/10/20	E.J.L.	REVISED
08/11/21	E.J.L.	REVISED

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DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

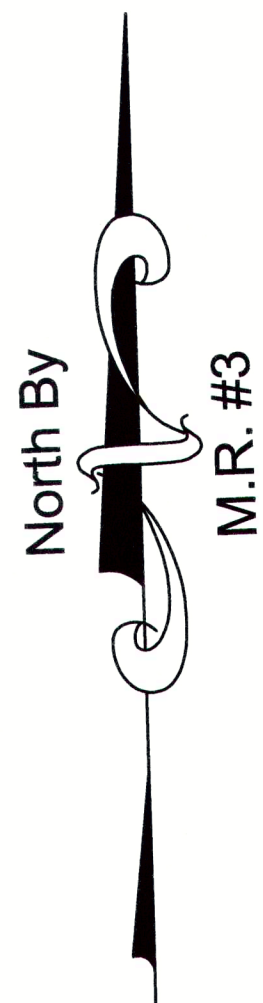
PROPOSED SITE PLAN OVERVIEW

KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

SCALE: 1"=120'	DATE: 12/03/19
DWN. BY: E.J.L.	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKSITE
DWG. NO.: SHEET 1B	

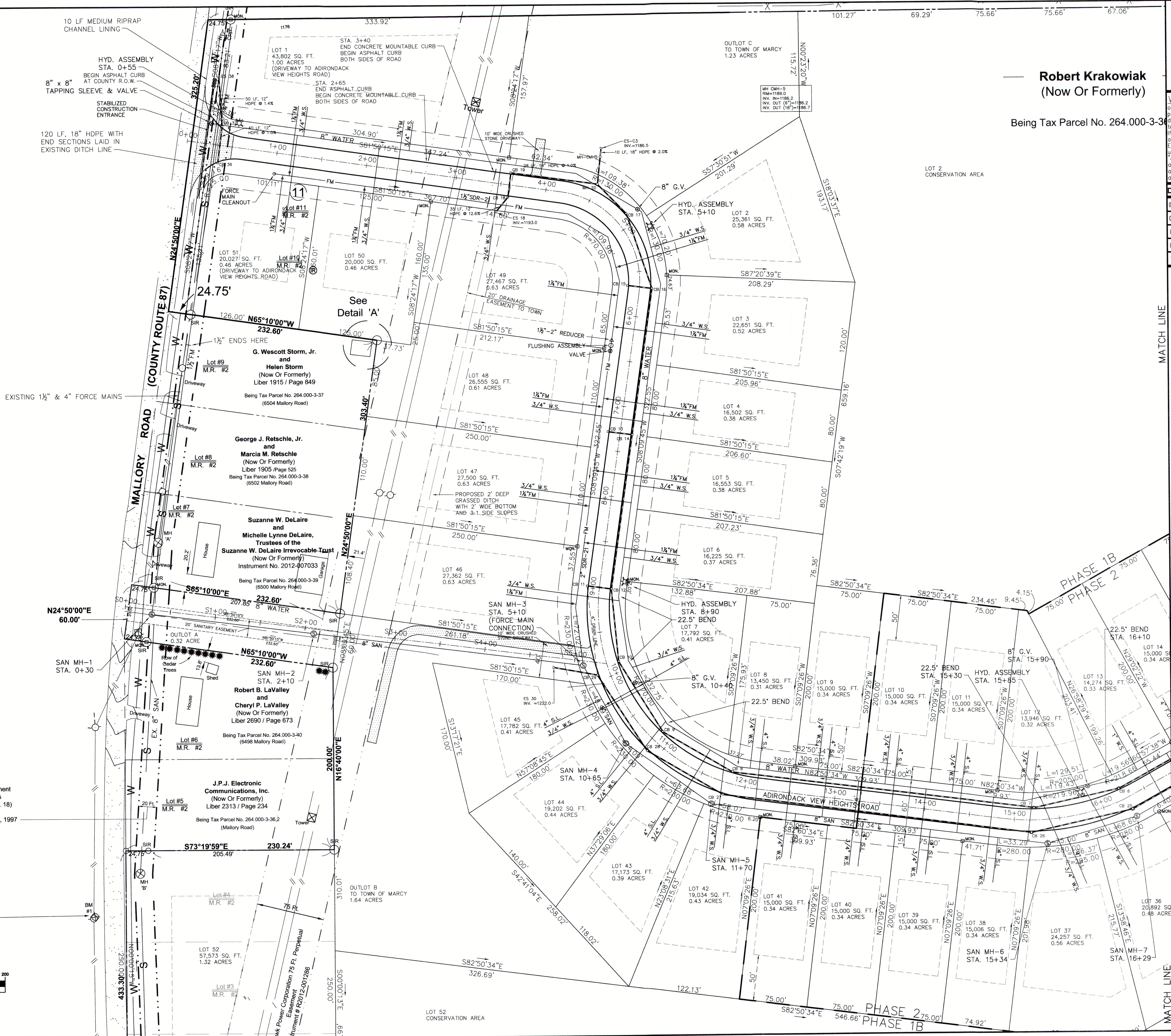
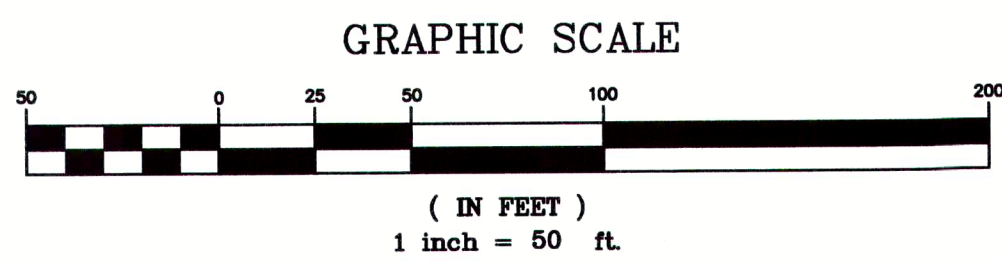


Detail 'A'
Not To Scale



Town Of Marcy
20 Ft. Sanitary Sewer Easement
Per Sanitary Sewer Maps
(Sanitary Sewer Contract No. 18)
Dated: February 4, 1997
and Last Revised: February 13, 1997

Bench Mark #1:
Benchmarks set in Power Pole #44
Elevation = 1209.84 (NAVD 88)



Robert Krakowiak
(Now Or Formerly)

Being Tax Parcel No. 264.000-3-38

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DATE	BY	REVISION
07/24/20	E.J.L.	REVISED
08/10/20	E.J.L.	REVISED
08/11/21	E.J.L.	REVISED
09/17/21	E.J.L.	REVISED
11/07/21	E.J.L.	REVISED

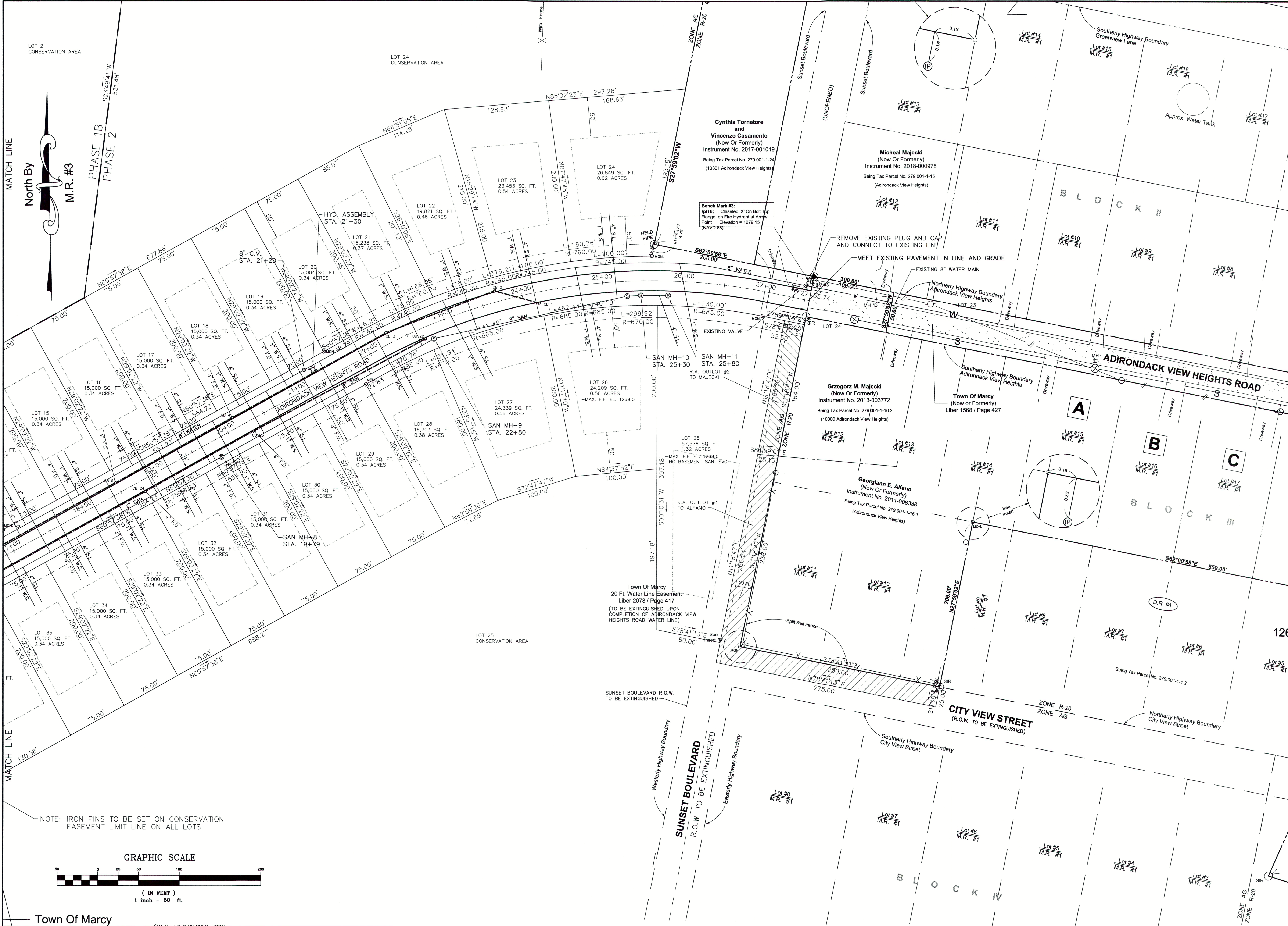
DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

BOULDER CONSULTANTS

SCALE: 1"=100'	DATE: 12/03/19
DWN. BY: E.J.L.	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKSITE
DWG. NO.: SHEET 2A	

PROPOSED SITE PLAN
WEST SIDE - 50 SCALE

KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK



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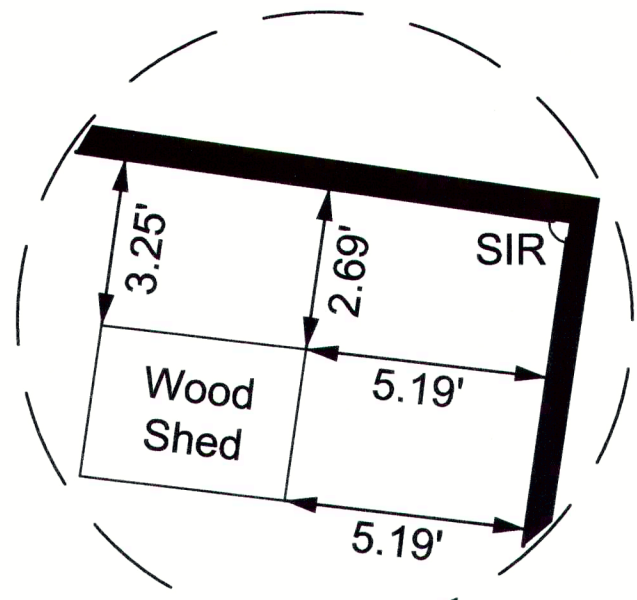
DATE	BY	REVISION
07/24/20	EJL	REVISED
09/10/20	EJL	REVISED
08/11/21	EJL	REVISED
09/17/21	EJL	REVISED
11/10/21	EJL	REVISED

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DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

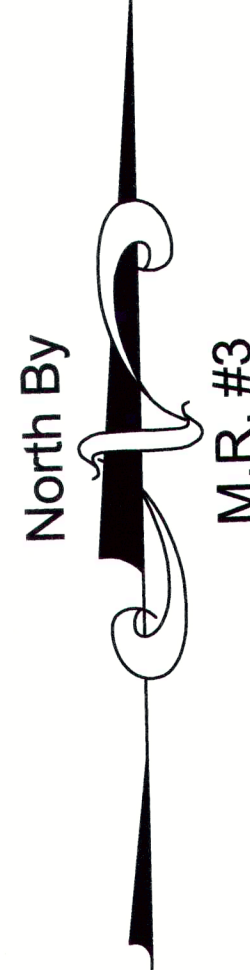
KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

SCALE: 1"=100'	DATE: 12/03/19
DWN. BY: EJL	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKSITE
DWG. NO.: 15087	SHEET 2B

PROPOSED SITE PLAN
EAST SIDE - 50 SCALE

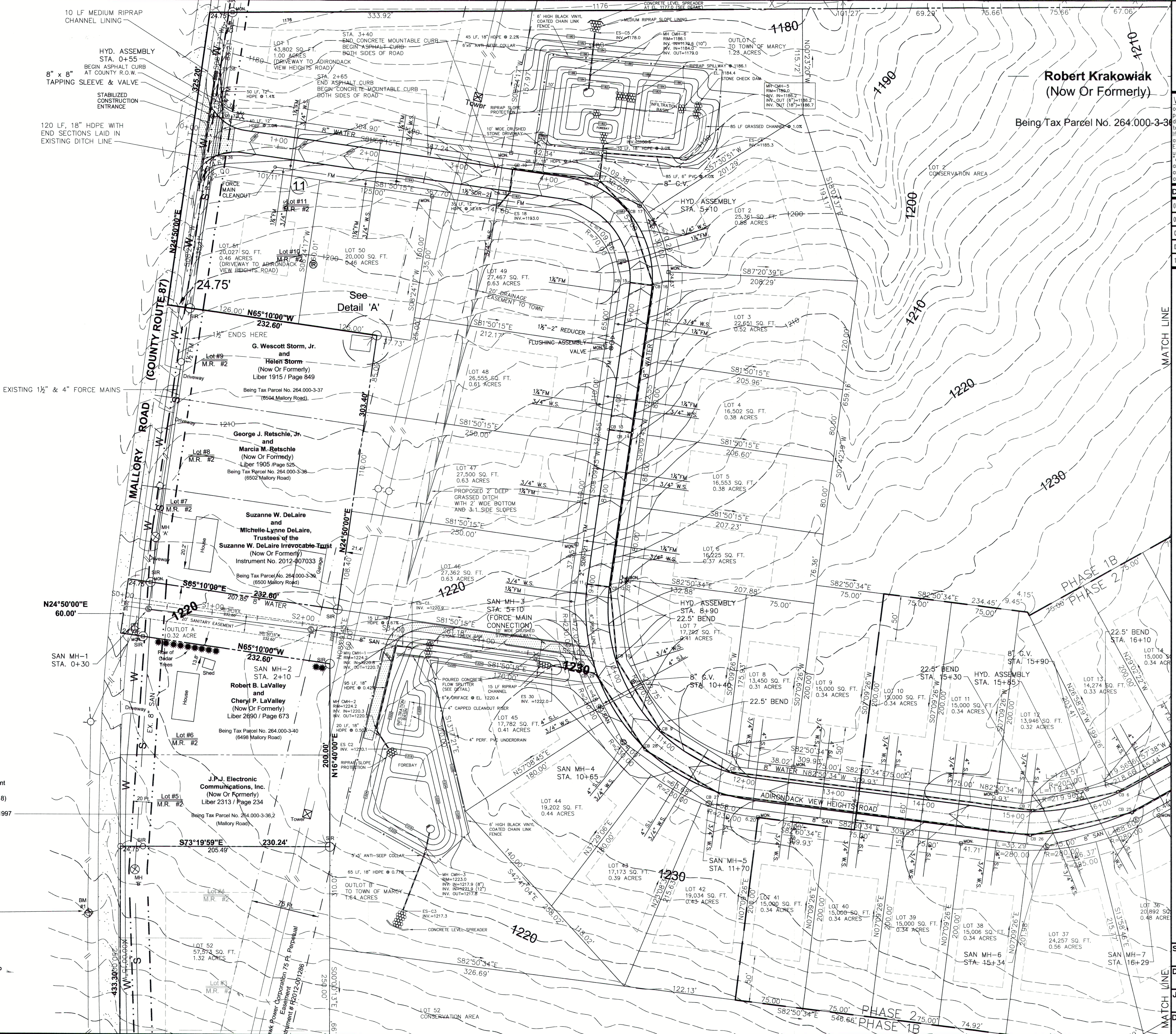
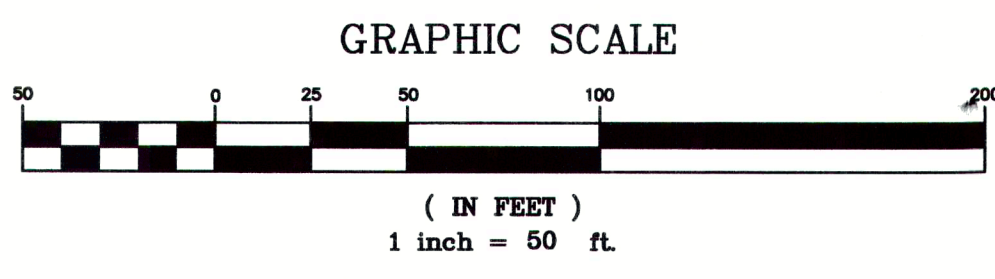


Detail 'A'
Not To Scale



Town Of Marcy
20 Ft. Sanitary Sewer Easement
Per Sanitary Sewer Maps
(Sanitary Sewer Contract No. 18)
Dated: February 4, 1997
and Last Revised: February 13, 1997

Bench Mark #1:
Benchtie set in Power Pole #44
Elevation = 1209.84 (NAVD 88)



Robert Krakowiak
(Now Or Formerly)

Being Tax Parcel No. 264.000-3-38

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07/24/20	E.J.L.	REVISED
08/10/20	E.J.L.	REVISED
08/11/21	E.J.L.	REVISED
09/11/21	E.J.L.	REVISED
11/10/21	E.J.L.	REVISED

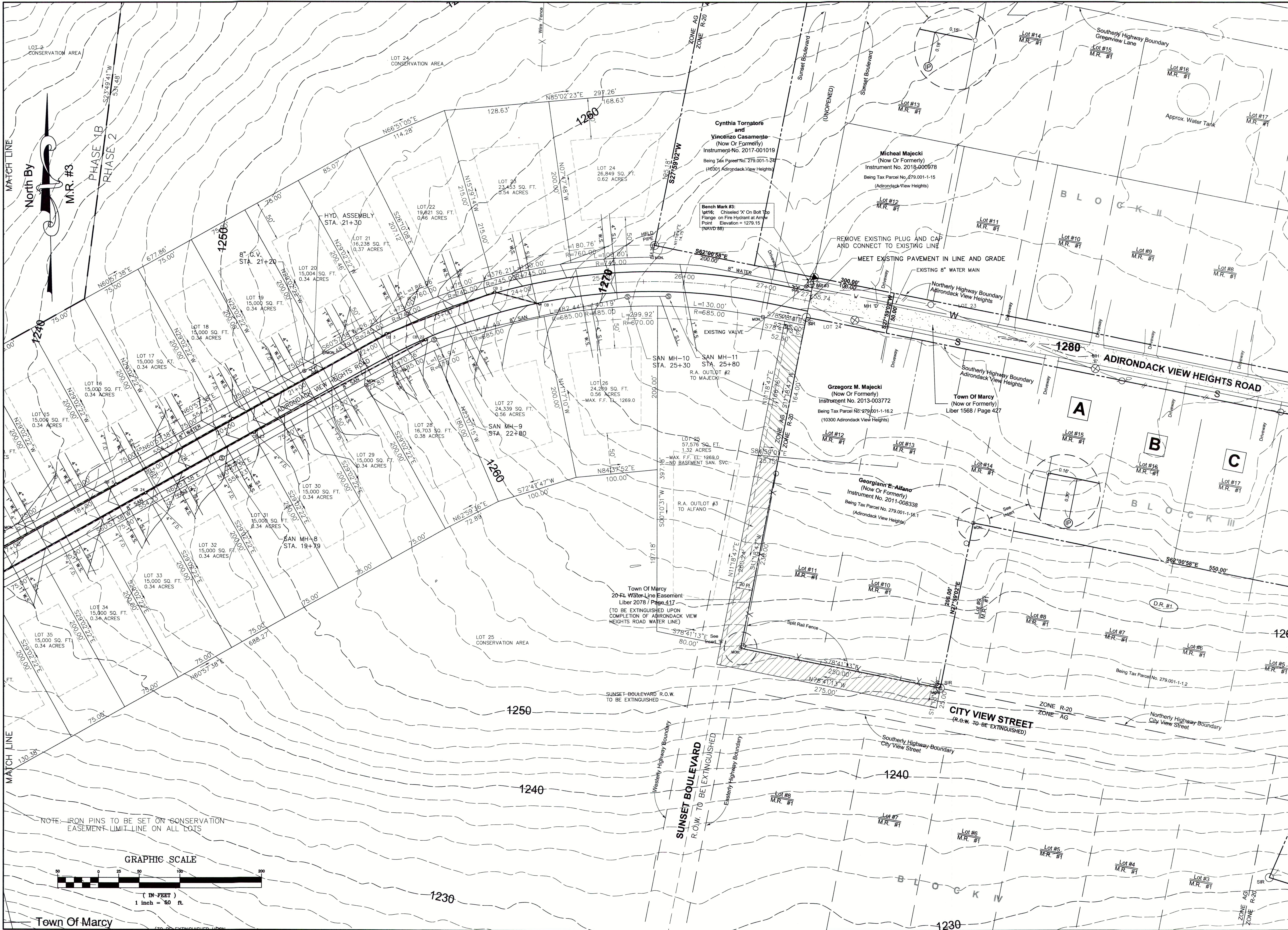
DONALD D. EHRE, P.E., P.L.L.C.
4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

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DWN. BY: E.J.L.	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKSITE
DWG. NO.: SHEET 3A	

PROPOSED SITE PLAN
WITH CONTOURS & GRADING - WEST SIDE

KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK



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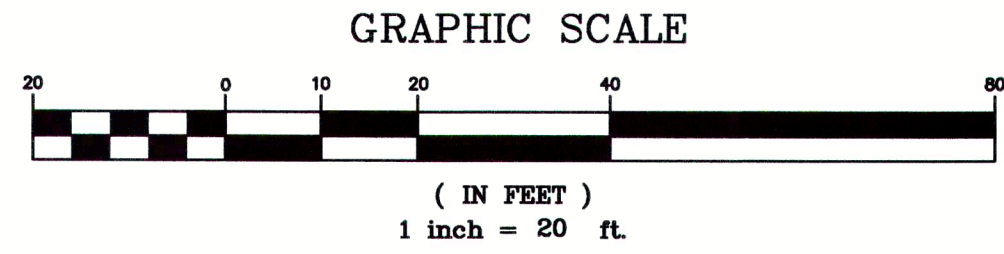
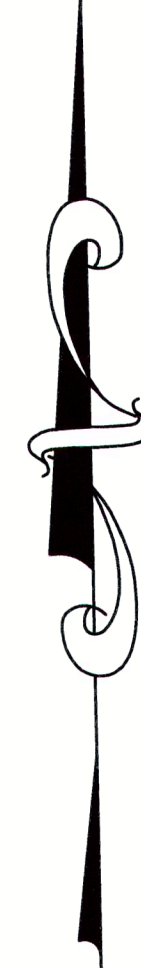
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KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
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STATE OF NEW YORK

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SHEET 3B	

PROPOSED SITE PLAN
WITH CONTOURS & GRADING - EAST SIDE



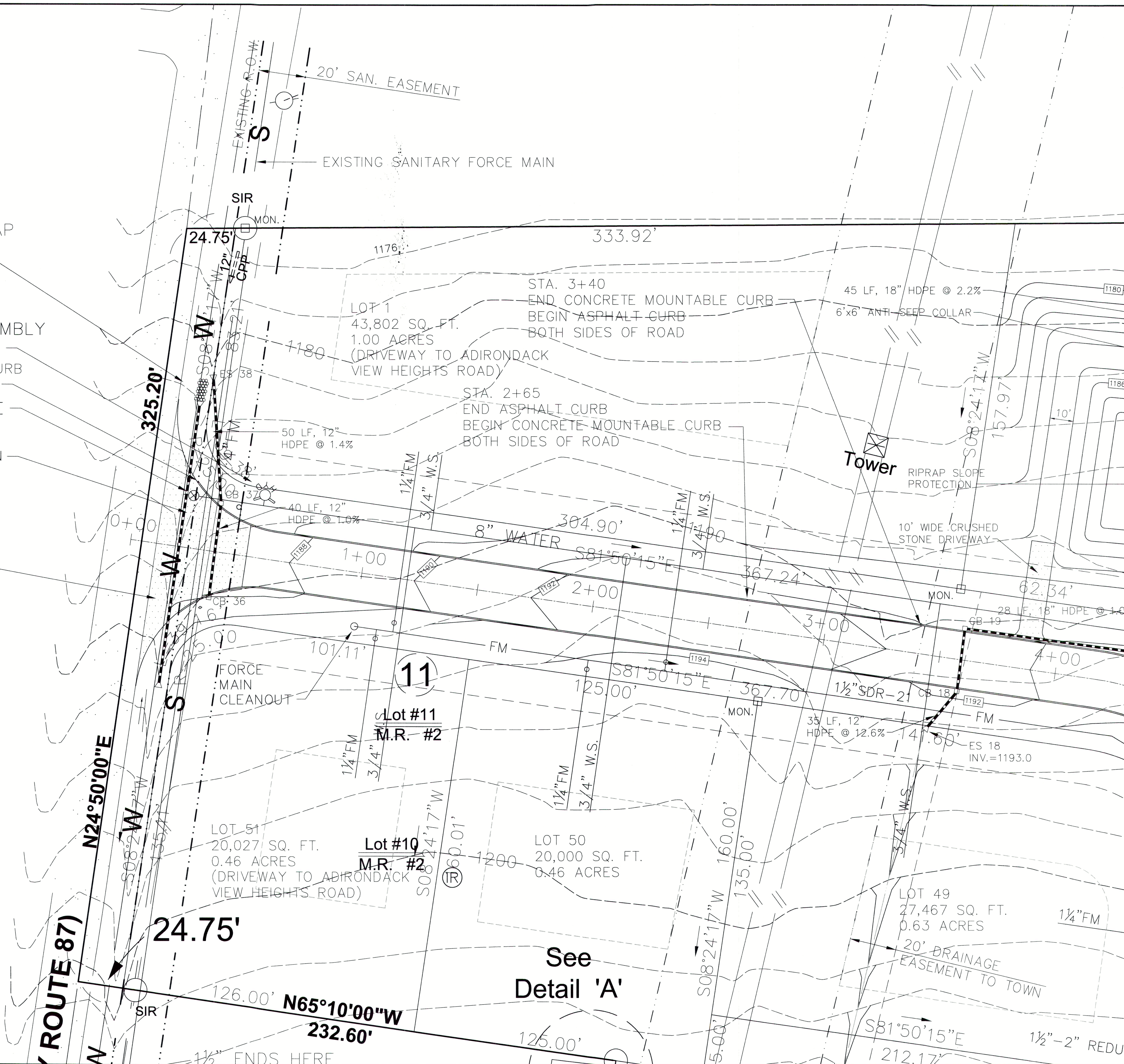
10 LF MEDIUM RIPRAP CHANNEL LINING

HYD. ASSEMBLY STA. 0+55
BEGIN ASPHALT CURB AT COUNTY R.O.W.

8" x 8" TAPPING SLEEVE & VALVE

STABILIZED CONSTRUCTION ENTRANCE

120 LF, 18" HDPE WITH END SECTIONS LAID IN EXISTING DITCH LINE



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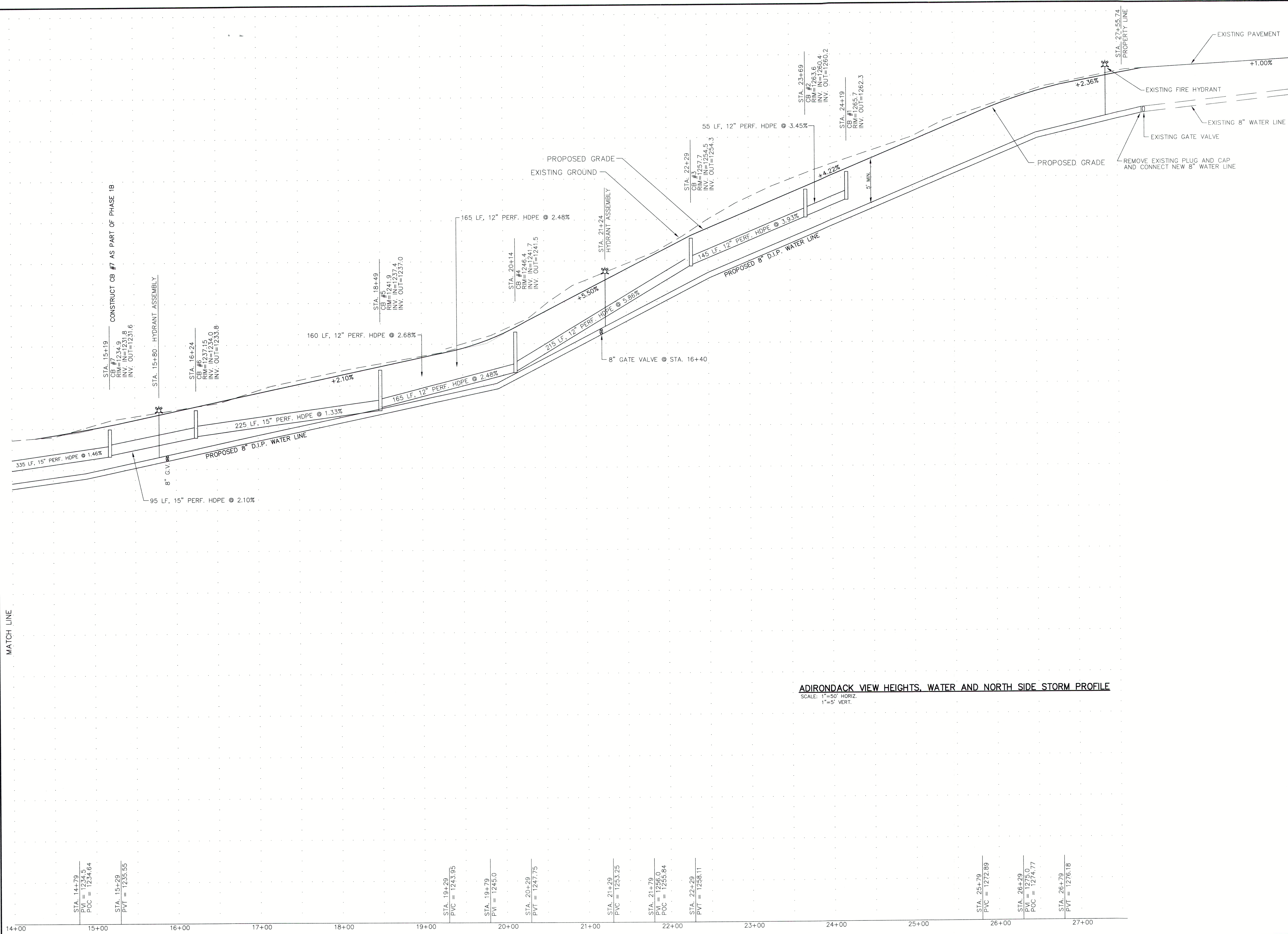
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PROPOSED MALLORY ROAD INTERSECTION
20 SCALE

KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

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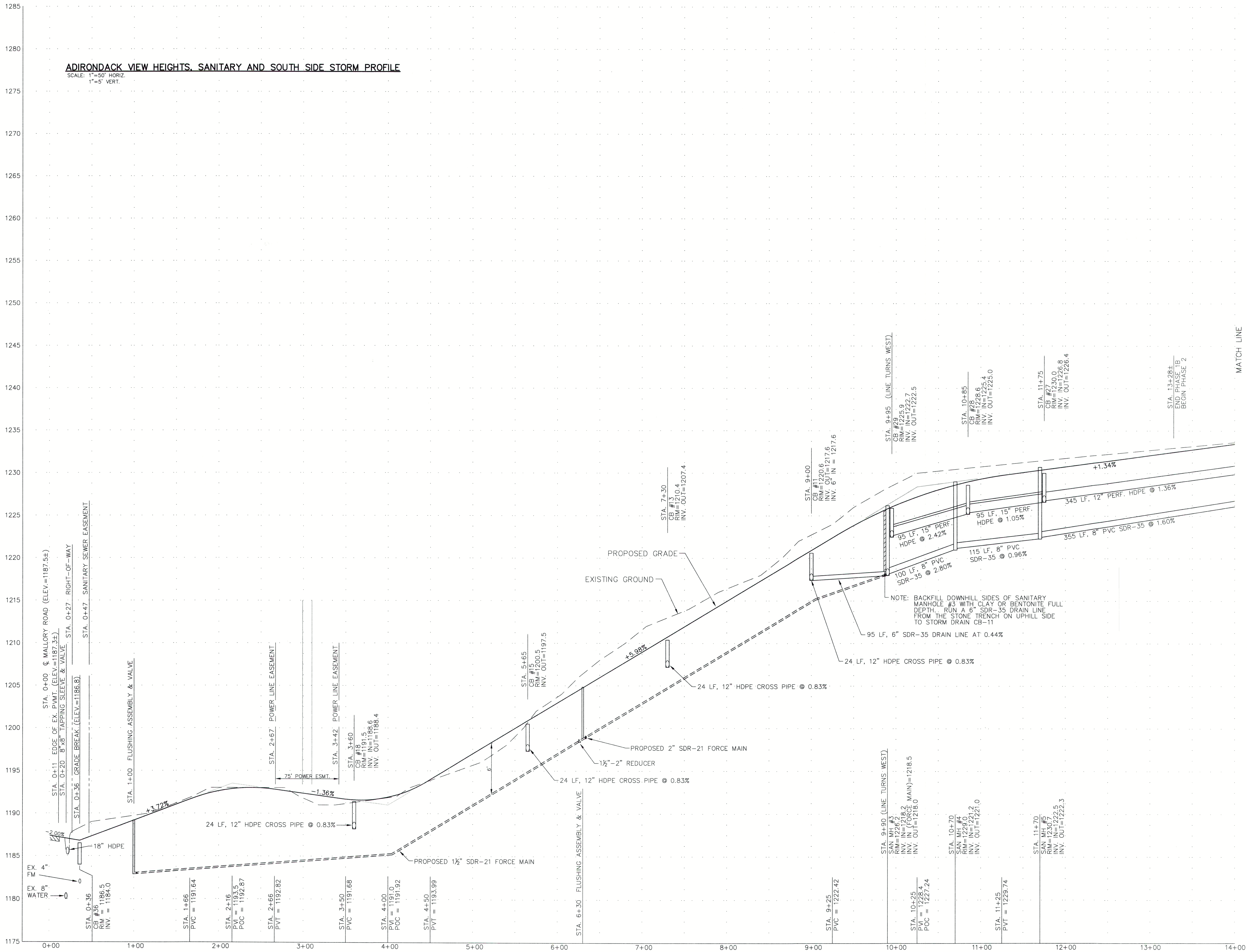
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PROPOSED ROAD, WATER AND STORM DRAIN
PROFILE - EAST SIDE

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KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

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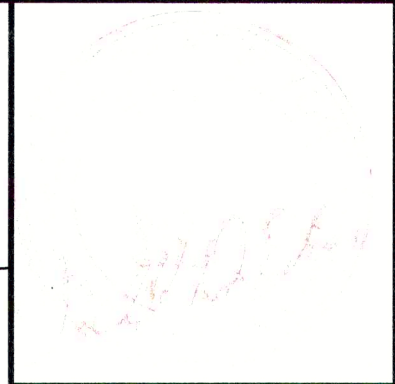
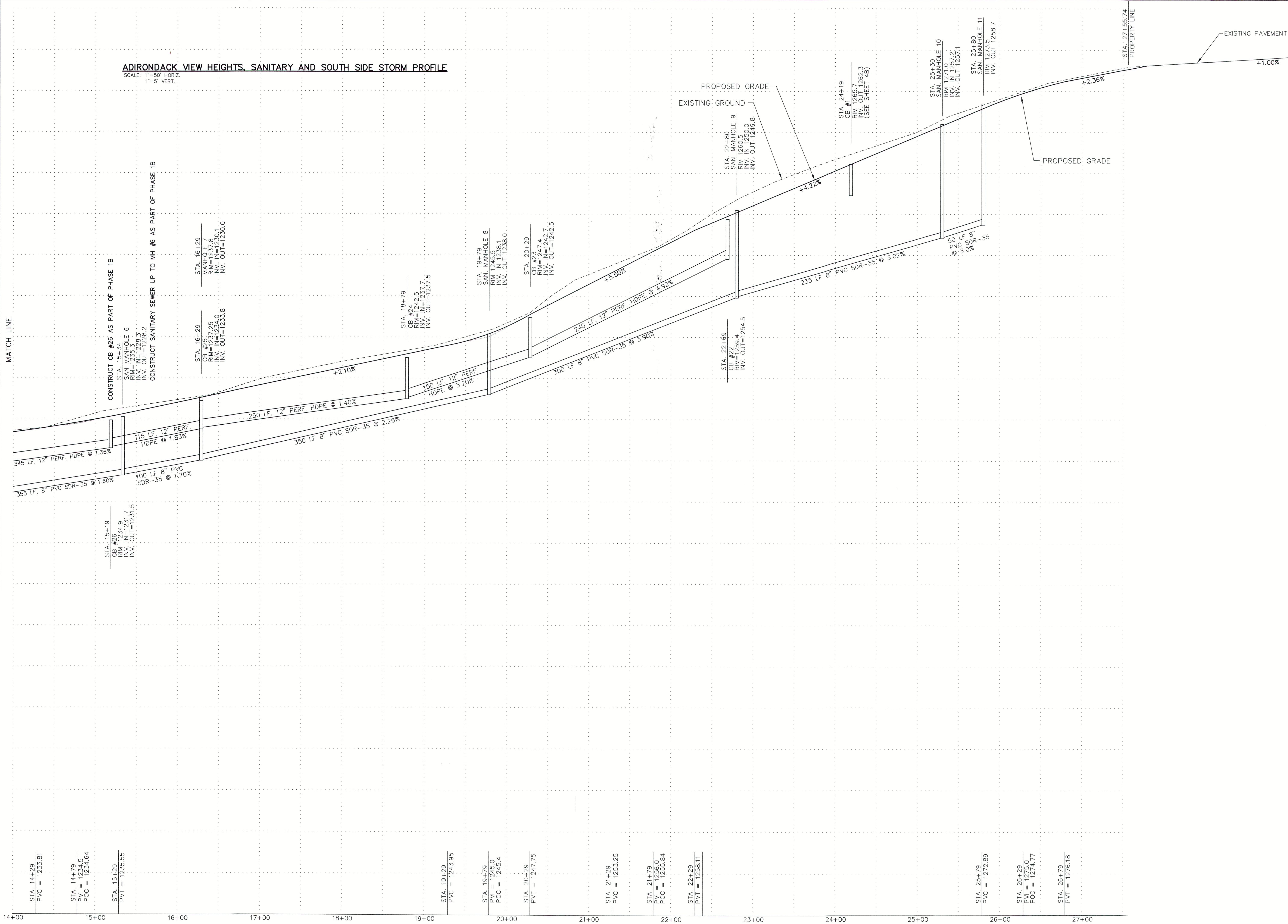
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PROPOSED ROAD, SANITARY SEWER
AND STORM DRAIN PROFILE - WEST SIDE

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KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

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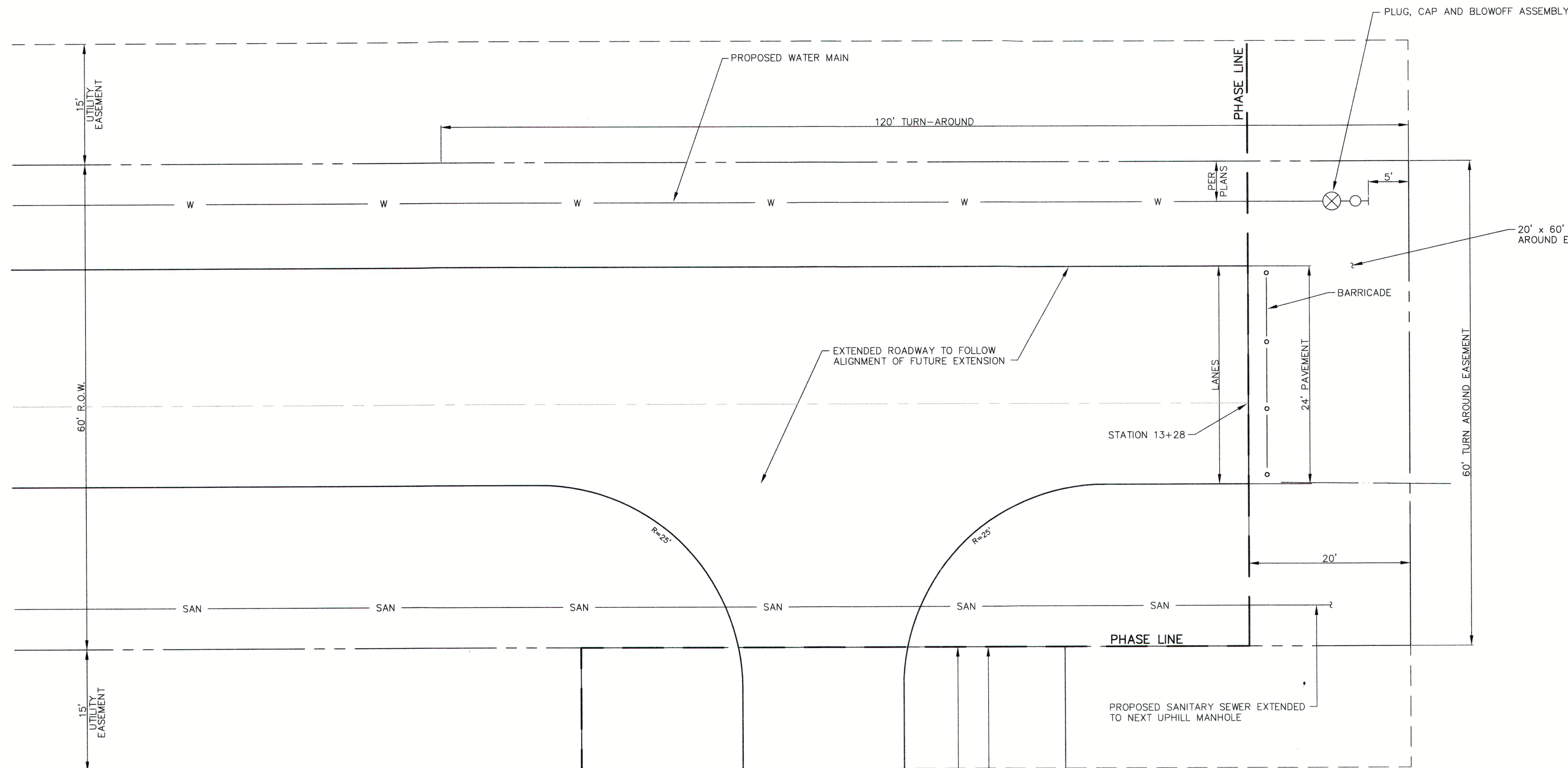
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KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
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STATE OF NEW YORK

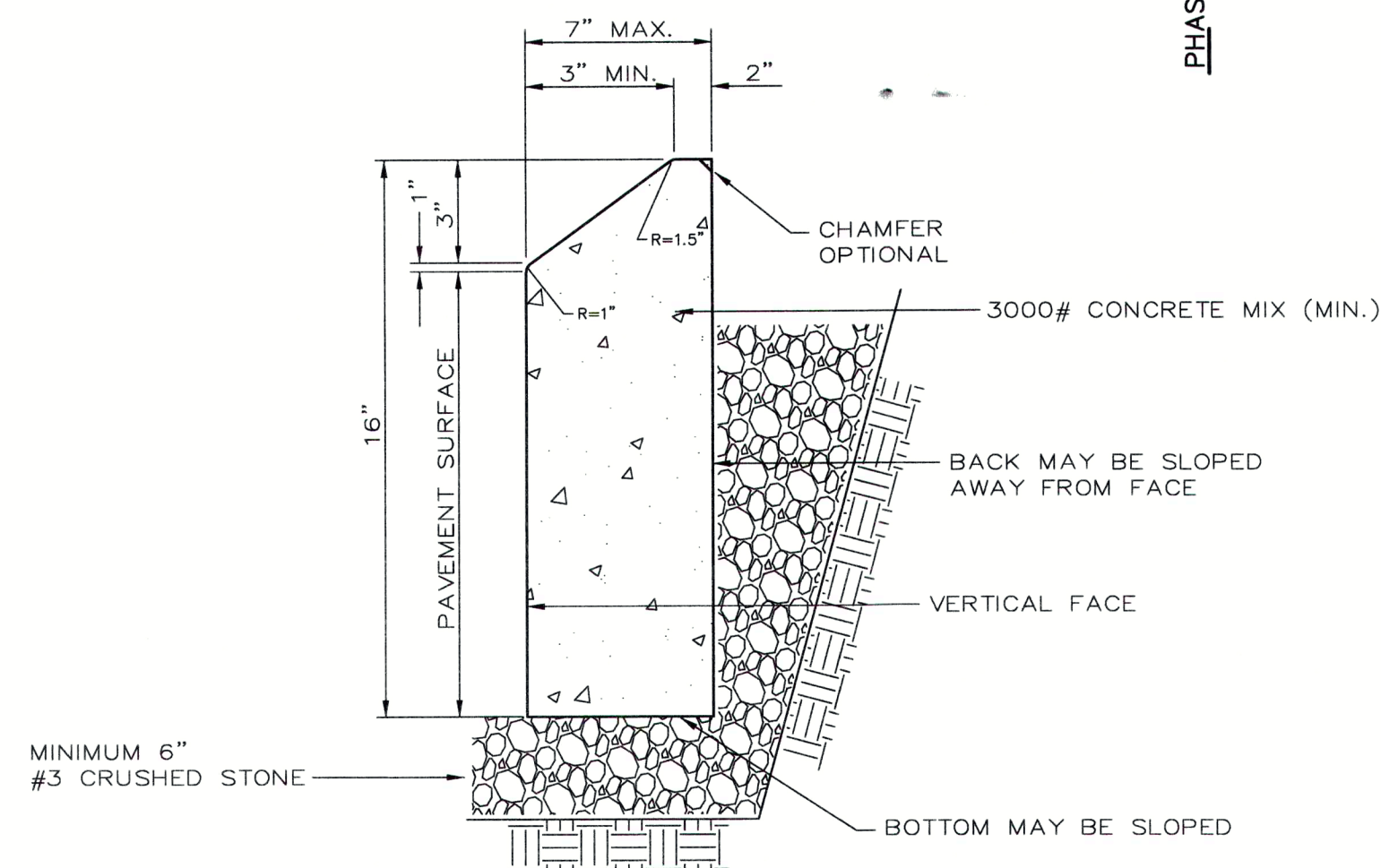
PROPOSED ROAD, SANITARY SEWER
AND STORM DRAIN PROFILE – EAST SIDE

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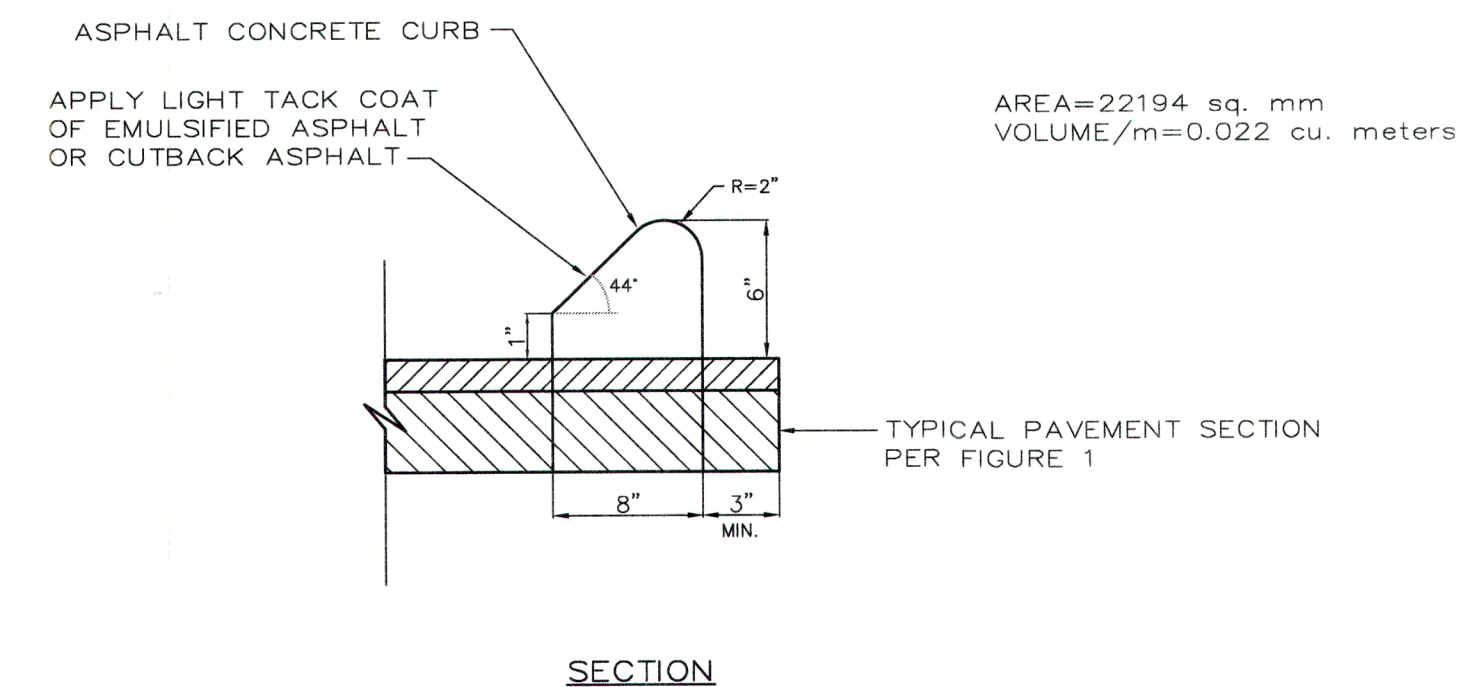


TYPICAL TURN-AROUND AT PHASE BOUNDARIES
SCALE: 1"=10'

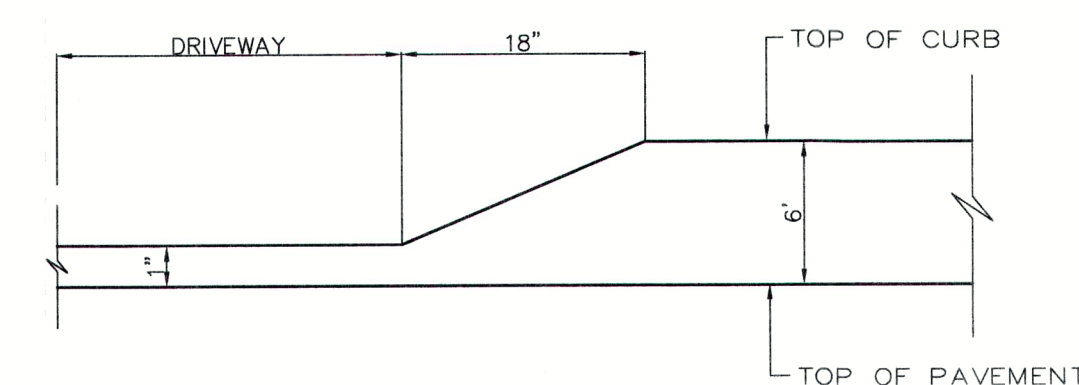


N.Y.S.D.O.T. TYPE PM100 CONCRETE CURB (MOUNTABLE CURB)
NO SCALE

NOTE: IF PRECAST CONCRETE CURB IS INSTALLED (APPROVED ALTERNATE), PRECAST UNITS SHALL BE INSTALLED/SUPPORTED PER MANUFACTURER'S REQUIREMENTS



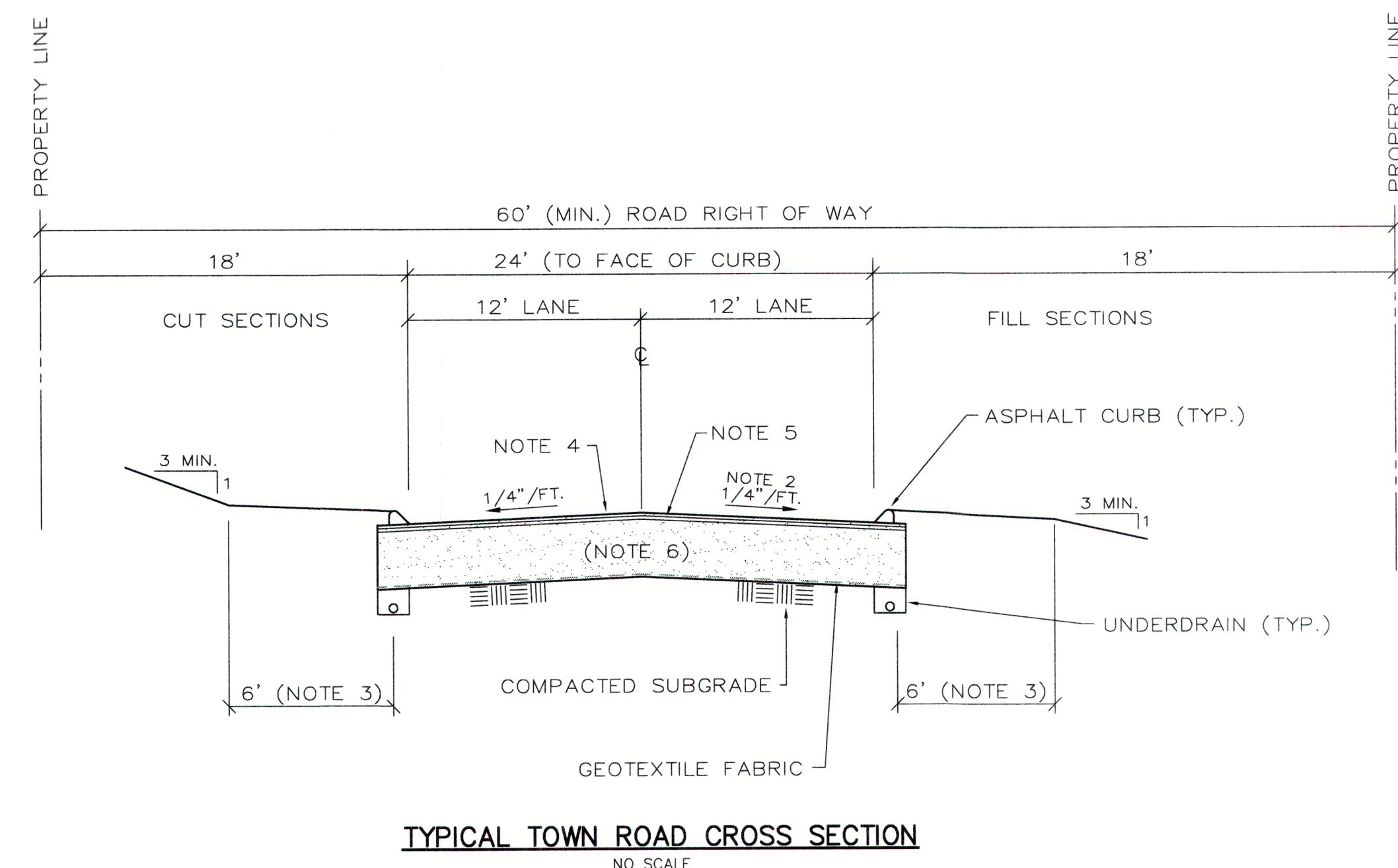
SECTION



ELEVATION VIEW AT DROP CURB FOR DRIVEWAYS

NOTE 1: DROP CURB FOR DRIVEWAYS MAY BE CUT OUT BY LOT OWNERS AFTER DRIVEWAY LOCATION AND WIDTH HAS BEEN ESTABLISHED.

TOWN OF MARCY ASPHALT CURB DETAIL
SCALE: 1"=10'



TYPICAL TOWN ROAD CROSS SECTION
NO SCALE

- RIGHT-OF-WAY WIDTH, PAVEMENT WIDTH AND PAVEMENT THICKNESS SHOULD APPLY TO RESIDENTIAL, LOCAL ROAD CLASSIFICATION. SEE ARTICLE III FOR OTHER CATEGORIES.
- FROM CENTERLINE TO CURB LINE REQUIRES 1/4 INCH PER FOOT SLOPE BOTH SIDES. TOP OF BINDER COURSE, SUBBASE AND SUBGRADE TO ALSO HAVE THIS SLOPE.
- FROM TOP OF CURB TO EDGE OF ROAD SHOULDER REQUIRES 3/4 INCH PER FOOT FOR SIX (6) FEET.
- 1" MINIMUM N.Y.S.D.O.T. ITEM 403.18 (a) TYPE 7 TOP.
- 2.5" MINIMUM N.Y.S.D.O.T. ITEM 403.13 (a) TYPE 3 MODIFIED BINDER.
- 12" MINIMUM N.Y.S.D.O.T. ITEM 304.03 TYPE 2 SUBBASE COURSE.
- THICKNESSES OF ASPHALT AND SUBBASE COURSES SPECIFIED REFER TO COMPACTED THICKNESSES.
- UNDERDRAIN MAY BE DELETED WITH APPROVAL OF HIGHWAY SUPERINTENDENT AND PLANNING BOARD WHERE STORM SEWER PLACED UNDER EDGE OF PAVEMENT IS RELATIVELY SHALLOW. PIPE BEDDING RECEIVES GROUNDWATER FROM ROAD SUBBASE, AND PERFORATED STORM PIPE IS USED.

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KRAKOWIAK DEVELOPMENT
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STATE OF NEW YORK

ROADWAY DETAILS

SCALE: AS SHOWN	DATE: 05/07/18
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NOTE 2: STEPS NOT REQUIRED IN TYPE 1 DROP INLETS.



NOTE 2: Steps not required in Type 1 Drop Inlets



NO SCALE



NO SCALE

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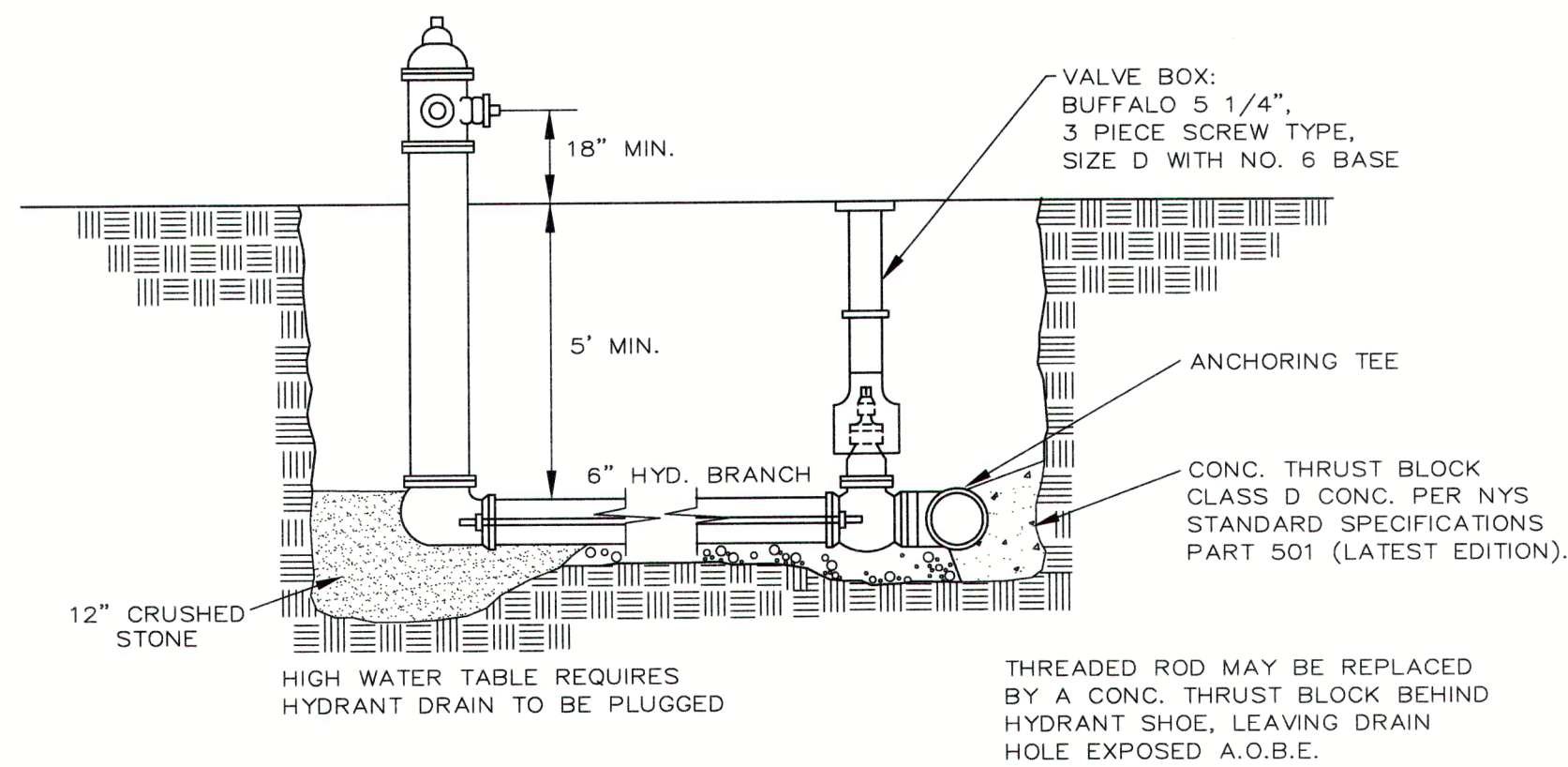
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DRAINAGE DETAILS

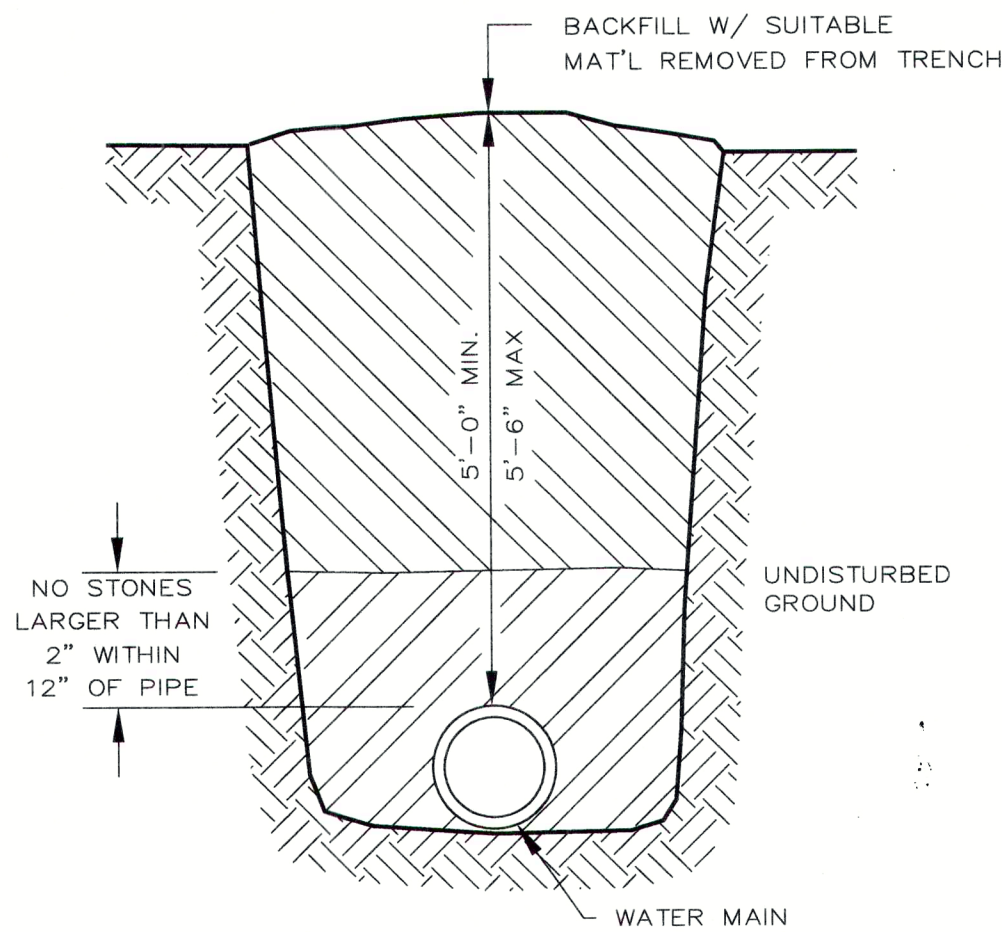
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KRAKOWIAK DEVELOPMENT
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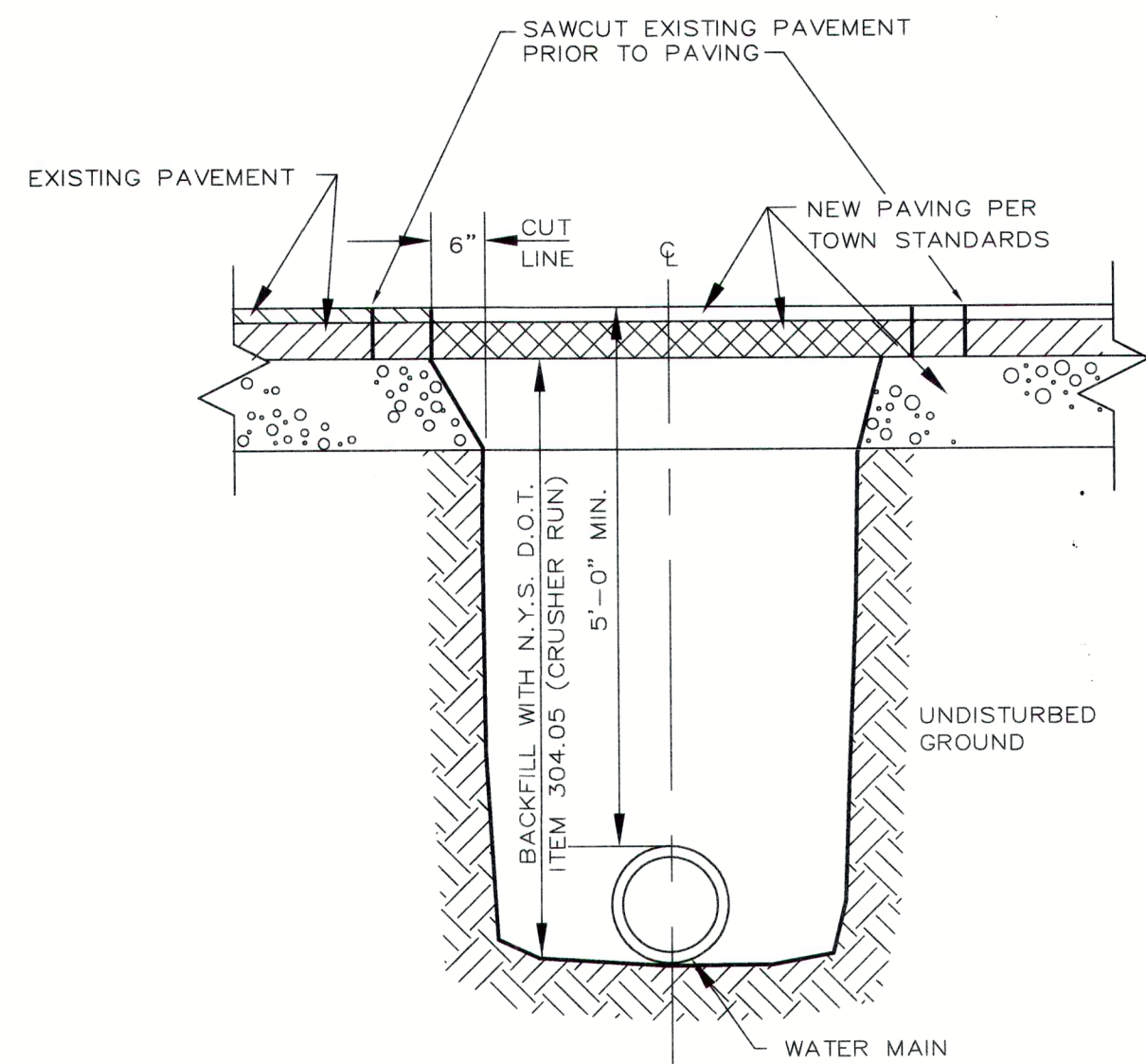
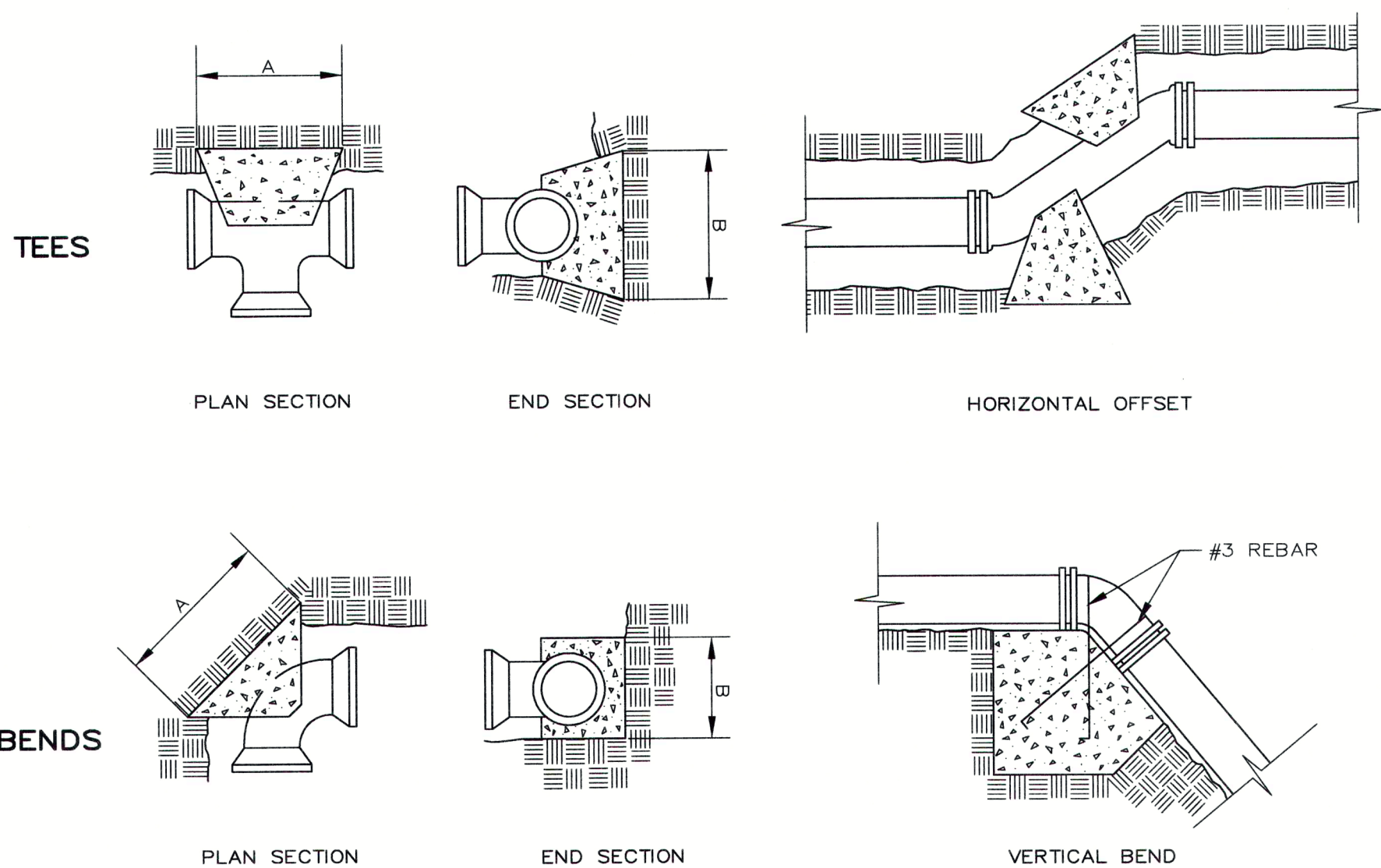
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DWG. NO.: SHEET 7	



HYDRANT DETAIL
NO SCALE



TYPICAL WATERLINE TRENCH SECTION - UNPAVED AREAS
NO SCALE



ROAD CROSSING DETAIL
NO SCALE

NOTE: INSTALL COLD PATCH AS A TEMPORARY PAVEMENT UNTIL FINAL PAVEMENT IS INSTALLED

PIPE SIZE	MIN. DIM. OF CLASS D* CONC. THRUST BLOCKS									
	11 1/4" BEND		22 1/2" BEND		45" BEND		90" BEND		TEE	
	A	B	A	B	A	B	A	B	A	B
4"	12"	12"	12"	12"	12"	12"	15"	15"	12"	12"
6"	12"	12"	12"	12"	16"	16"	22"	22"	22"	22"
8"	12"	12"	15"	15"	21"	21"	29"	29"	24"	24"
10"	14"	14"	20"	20"	27"	27"	35"	35"	30"	30"
12"	15"	15"	23"	23"	31"	31"	42"	42"	36"	36"
16"	22"	22"	30"	30"	41"	41"	57"	57"	48"	48"
20"	26"	26"	37"	37"	52"	52"	70"	70"	60"	60"
24"	32"	32"	45"	45"	62"	62"	98"	72"	72"	72"

* CLASS D CONC. PER NYS STANDARD SPECIFICATIONS PART 501 (LATEST EDITION).

THRUST BLOCK DETAILS
NO SCALE

**MOHAWK VALLEY WATER AUTHORITY (MVWA)
SPECIFICATIONS OF MATERIALS FOR WATER MAINS AND SERVICES**

PIPE:
DUCTILE IRON, CLASS 52 PER SPECIFICATIONS AWWA C151; C111 (PUSH-ON JOINT); C104 CEMENT LINING (INSIDE) AND ASPHALTIC COATINGS (OUTSIDE) AND TWO BRASS WEDGES PER JOINT.

FITTINGS:
CAST OR DUCTILE IRON PER SPECIFICATIONS AWWA C110; C153; C111 (MECHANICAL JOINT); C104 CEMENT LINING (INSIDE) AND ASPHALTIC COATINGS (OUTSIDE) WITH TWO EACH MECHANICAL JOINT RETAINER KITS/FITTING.

FITTINGS (HYDRANT):
IN ADDITION TO "FITTINGS" SPECIFICATIONS, HYDRANT TEES SHALL BE ANCHORING TYPE: MANUFACTURER: CLOW F-1217 OR APPROVED EQUAL. ALL EXPOSED BOLTS TO BE STAINLESS STEEL GRADE 304.

VALVES:
GATE VALVES AWWA C509; C111 (MECHANICAL JOINT); OPEN CLOCKWISE; MANUFACTURER: KENNEDY KNESEAL II OR APPROVED EQUAL WITH TWO EACH MECHANICAL JOINT RETAINER KITS/VALVE. ALL EXPOSED BOLTS TO BE STAINLESS STEEL GRADE 304.

HYDRANTS:
AWWA C502, C111 (MECHANICAL JOINT CONNECTION - 6"); OPEN COUNTER-CLOCKWISE, 5.5' BURY, TWO 2 1/2" (WHITESTOWN THREADS) AND ONE 5" (STORZ) OUTLETS, 5/8" BOTTOM VALVE OPENING. HYDRANT PAINTED RED, CAPS PAINTED TO CONFORM WITH NFPA 291-2013. HYDRANT THREAD AND OPERATING NUT SHALL CONFORM TO "WHITESTOWN" THREADING AS APPROVED BY THE MOHAWK VALLEY WATER AUTHORITY FOR THE AREA BEING SERVICED. MANUFACTURER: KENNEDY K-81D.

VALVE BOXES:
"BUFFALO" STYLE - 5 1/2" DIAMETER, 3 PIECE SCREW TYPE, SIZE D WITH NO. 6 BASE.

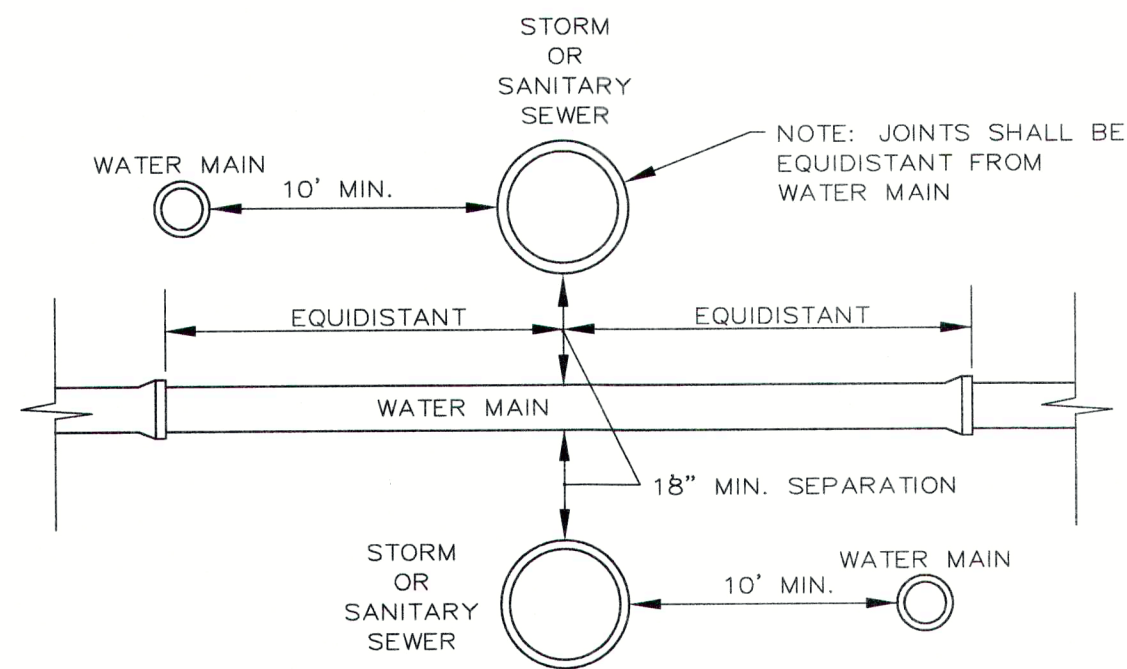
TAPPING SLEEVES AND TAPPING VALVES:
CLOW F-5205 AND F-5093, OR APPROVED EQUAL (FURNISHED AND INSTALLED BY THE MVWA PER ESTABLISHED FEE SCHEDULE). "FAST TAPS" NOT ALLOWED. ALL EXPOSED BOLTS TO BE STAINLESS STEEL GRADE 304.

SERVICE LINES:
FOLLOWING SERVICE LINE MATERIALS FOR 3/4" OR 1" SIZE CORPORATION STOPS: MUELLER H-15000 OR APPROVED EQUAL (FURNISHED AND INSTALLED BY MOHAWK VALLEY WATER AUTHORITY PER ESTABLISHED FEE SCHEDULE).

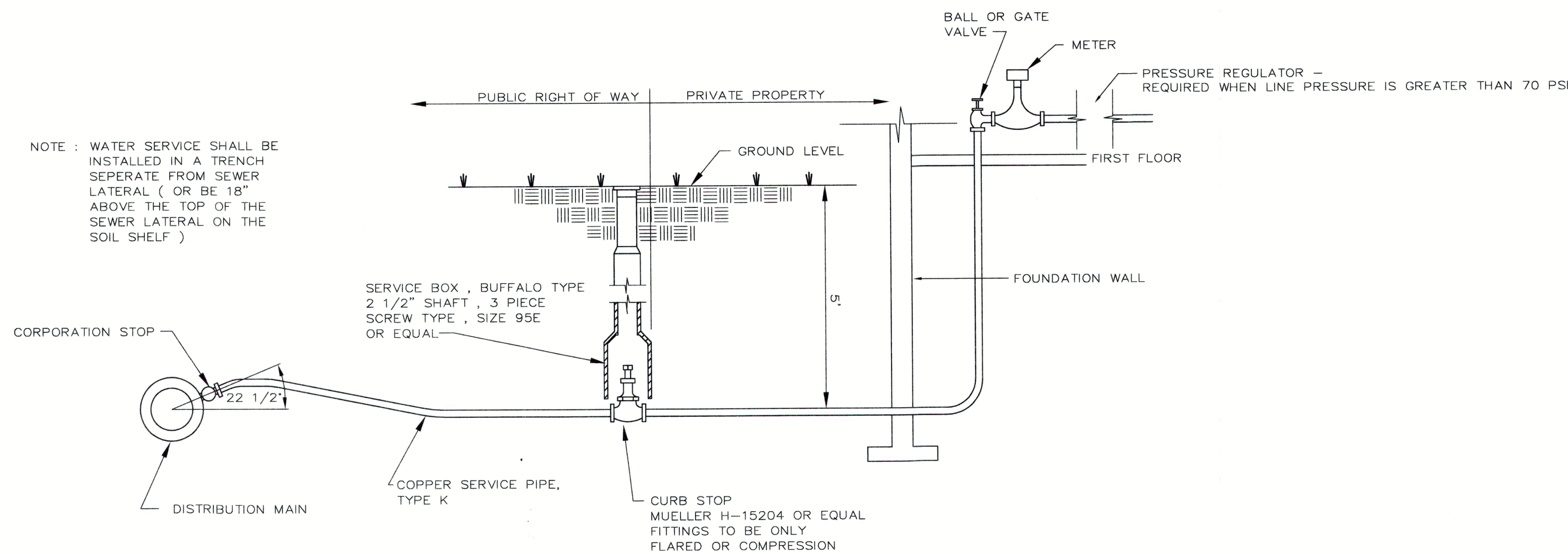
COPPER TUBING: TYPE K, ASTM B88 (USE 3/4" DIAMETER WHEN PRESSURE IS GREATER THAN 50 PSI; USE 1" FOR PRESSURE LESS THAN 50 PSI). CURB STOPS: MUELLER H-15204 OR APPROVED EQUAL AT PROPERTY LINE. CURB BOXES: BUFFALO TYPE, 2 1/2" SHAFT, THREE PIECE SCREW TYPE, SIZE 95E OR APPROVED EQUAL. PRESSURE REGULATOR: REQUIRED WHEN WATER PRESSURE EXCEEDS 70 PSI - INSTALLED DOWNSTREAM OF WATER METER. BACKFLOW PREVENTOR: APPROPRIATE PROTECTION AS REQUIRED BY ENGINEERING DEPARTMENT. APPLICATION REQUIRED.

WATER LINE NOTES

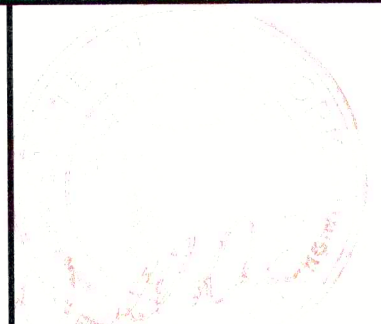
1. MANUFACTURER'S CERTIFICATION OF ALL MATERIALS USED MUST BE PROVIDED TO THE ENGINEER.
2. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S GUIDELINES, THE SPECIFICATIONS OF THE MVWA, OR AS SHOWN ON THESE PLANS, WHICHEVER IS MOST STRINGENT.
3. LINES SHALL BE PRESSURE TESTED FOR LEAKAGE BY THE CONTRACTOR IN ACCORDANCE WITH AWWA C-600, SECTION 4, (LATEST EDITION), AND THE REQUIREMENTS OF THE MVWA, WHICHEVER IS MORE STRINGENT. CONTRACTOR SHALL NOTIFY THE MVWA A MINIMUM OF 24 HOURS PRIOR TO TESTING. TESTING SHALL BE WITNESSED BY THE MVWA'S INSPECTOR.
4. DISINFECTION WILL BE PERFORMED BY THE CONTRACTOR AFTER ALL LINES HAVE PASSED THE PRESSURE AND LEAKAGE TESTING. THE PROCEDURE USED SHALL FOLLOW THE REGULATIONS FOUND IN BULLETIN 42 OF THE NEW YORK STATE DEPARTMENT OF HEALTH. TESTING SHALL BE PERFORMED AT THE MVWA LABORATORY.
5. A 10' MINIMUM HORIZONTAL DISTANCE SHALL BE MAINTAINED BETWEEN THE WATER MAIN AND ANY SANITARY SEWER OR STORM DRAINAGE PIPE. AT LOCATIONS WHERE THE WATERLINE AND SANITARY SEWER OR STORM DRAINAGE LINES CROSS EACH OTHER, A MINIMUM CLEAR DISTANCE OF 18" SHALL BE MAINTAINED. NO TAPS TO THE MAINS WILL BE PERMITTED UNTIL BUILDING PERMIT IS ISSUED.
6. THE WATERLINE SHALL BE LAID WITH A COVER OF 5 FEET BELOW FINISHED (PROPOSED) GRADE.
7. FOR PUSH-ON JOINT PIPE THE MAXIMUM JOINT DEFLECTION IS 4 DEGREES. FOR 18 FOOT LENGTHS THE MINIMUM CURVE RADIUS EQUALS 260 FEET. FOR TIGHTER CURVES, BENDS ARE REQUIRED.
8. DISINFECTION WATER SHALL BE DISCHARGED TO AN AREA APPROVED BY THE ENGINEER OR COLLECTED AND REMOVED FROM THE SITE TO AN APPROVED DISPOSAL AREA. NO DISINFECTION WATER SHALL BE DISCHARGED TO AN EXISTING STREAM OR WETLAND AREA.
9. IF PERMANENT AIR VENTS ARE NOT LOCATED AT THE HIGH POINTS, THE CONTRACTOR SHALL INSTALL CORPORATION COCKS AT SUCH POINTS SO THAT THE AIR CAN BE EXPELLED AS THE LINE IS FILLED WITH WATER. AFTER ALL THE AIR HAS BEEN EXPELLED, THE CORPORATION COCKS SHALL BE CLOSED AND THE TEST PRESSURE APPLIED. AT THE CONCLUSION OF THE PRESSURE TEST, THE CORPORATION COCKS SHALL BE REMOVED AND PLUGGED, OR LEFT IN PLACE AT THE DISCRETION OF THE OWNER.



SEPARATION DETAIL OF WATER MAIN AND SEWERS
NO SCALE



DOMESTIC SERVICE DETAIL
NO SCALE



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COUNTY OF ONEIDA
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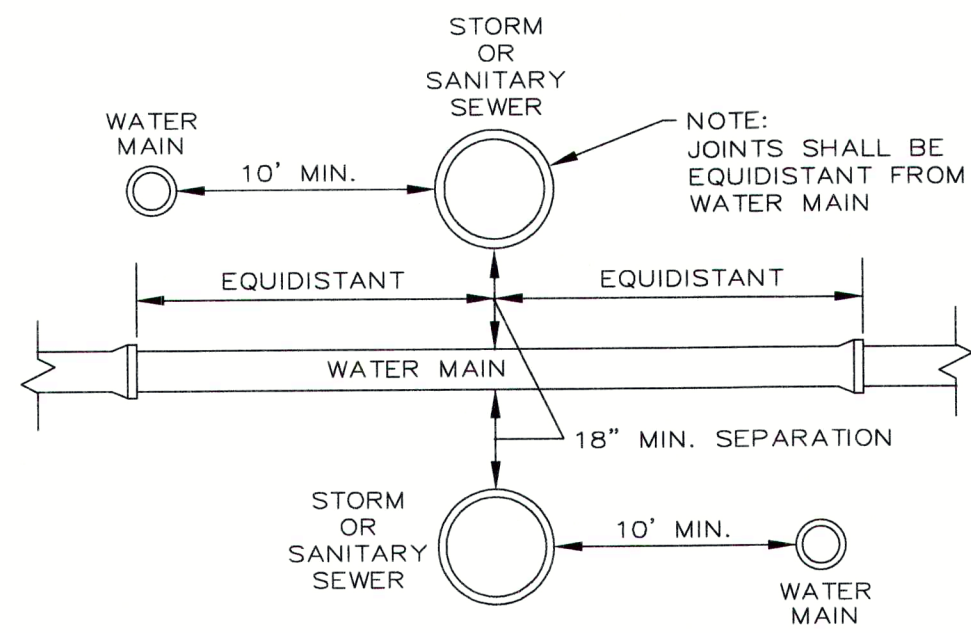
SANITARY SEWER INSTALLATION NOTES

- PIPE:
1. PIPE SHALL BE PVC TYPE PSM, MEETING ASTM D-3034, LATEST EDITION.
 2. PIPE STANDARD SHALL BE SDR-35, MINIMUM.
 3. PIPE JOINTS SHALL BE RING-TITE, MEETING ASTM D-1869, LATEST EDITION.
 4. BELL ENDS SHALL BE LAID UPHILL.
 5. MAXIMUM SPACING: BETWEEN CLEANOUTS IS 75 FEET
BETWEEN MANHOLES IS 400 FEET
 6. NO CELLAR DRAINS, SUMP PUMPS, OR ROOF LEADERS SHALL BE CONNECTED TO THE SANITARY SEWER.
 7. NO LINE SHALL BE COVERED UNTIL INSPECTED BY THE ENGINEER'S OR TOWN'S INSPECTOR AND THE TOWN'S REPRESENTATIVE.
 8. WHERE GROUNDWATER IS PRESENT, CLAY DAMS SHALL BE CONSTRUCTED AT 100 FOOT INTERVALS. THE DAMS SHALL BE A MINIMUM OF 18 INCHES THICK AND EXTEND THE FULL HEIGHT AND WIDTH OF THE TRENCH.

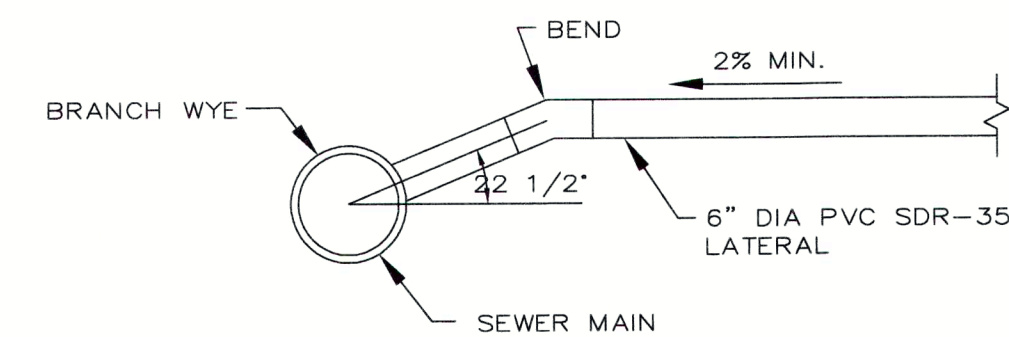
- MANHOLES:
1. MANHOLES SHALL BE PRECAST REINFORCED CONCRETE STRUCTURES MEETING ASTM C-478.
 2. STEPS SHALL BE IN ALIGNMENT VERTICALLY AND CENTERED OVER A BENCH AREA.
 3. STEPS SHALL PROJECT A MINIMUM OF 5 INCHES BEYOND THE INTERIOR MANHOLE WALL.
 4. MANHOLE COVER SHALL BE 30" DIA. HEAVY DUTY CASTING, IMPRINTED WITH THE TOWN NAME AND THE WORDS "SANITARY SEWER". SYRACUSE CASTINGS #1107, OR EQUAL.

- TESTING:
1. TESTING SHALL MEET THE CURRENT REQUIREMENTS OF THE TOWN OR AS SET FORTH BELOW. ALL TESTING MUST BE WITNESSED BY THE ENGINEER AND SHOULD ALSO BE OBSERVED BY THE TOWN'S REPRESENTATIVE.
 2. PIGGING (DEFLECTION) TESTING
ALL LINES SHALL HAVE A PIGGING DEVICE PULLED THROUGH THEM CAPABLE OF TESTING THE LINES FOR ROUNDNESS OF THE INSTALLED LINE. THE PIG SHALL BE A RIGID CIRCULAR OR SPHERICAL DEVICE WITH AN OUTSIDE DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE TO BE TESTED.
 3. LAMPING (ALIGNMENT) TESTING
ALL LINES SHALL BE VISUALLY LAMPED FOR ALIGNMENT, A "FULL-MOON" MUST BE VISIBLE.
 4. AIR PRESSURE (LEAKAGE) TESTING
ALL SANITARY SEWER LINES SHALL BE TESTED UNDER A MINIMUM AIR PRESSURE OF 3.5 PSIG ABOVE ANY GROUNDWATER BACK PRESSURE FOR A MINIMUM OF 10 MINUTES. THE ALLOWABLE PRESSURE DROP IS 0.5 PSI FOR THE TESTING PERIOD.
 5. MANHOLE WATER (EXFILTRATION) TESTING
ALL SANITARY SEWER MANHOLES SHALL BE WATER TESTED BY PLUGGING THE OUTLET LINE AND FILLING THE MANHOLE WITH WATER TO A POINT AT LEAST ONE FOOT ABOVE THE UPPERMOST JOINT (EXCLUDING THE GRADE ADJUSTMENT COURSES). AFTER 24 HOURS THE DROP IN THE WATER LEVEL SHALL BE MEASURED AND THE LOSS CALCULATED. THE ALLOWABLE LOSS SHALL BE EQUAL TO 100 GALLONS/INCH/MILE/DAY.

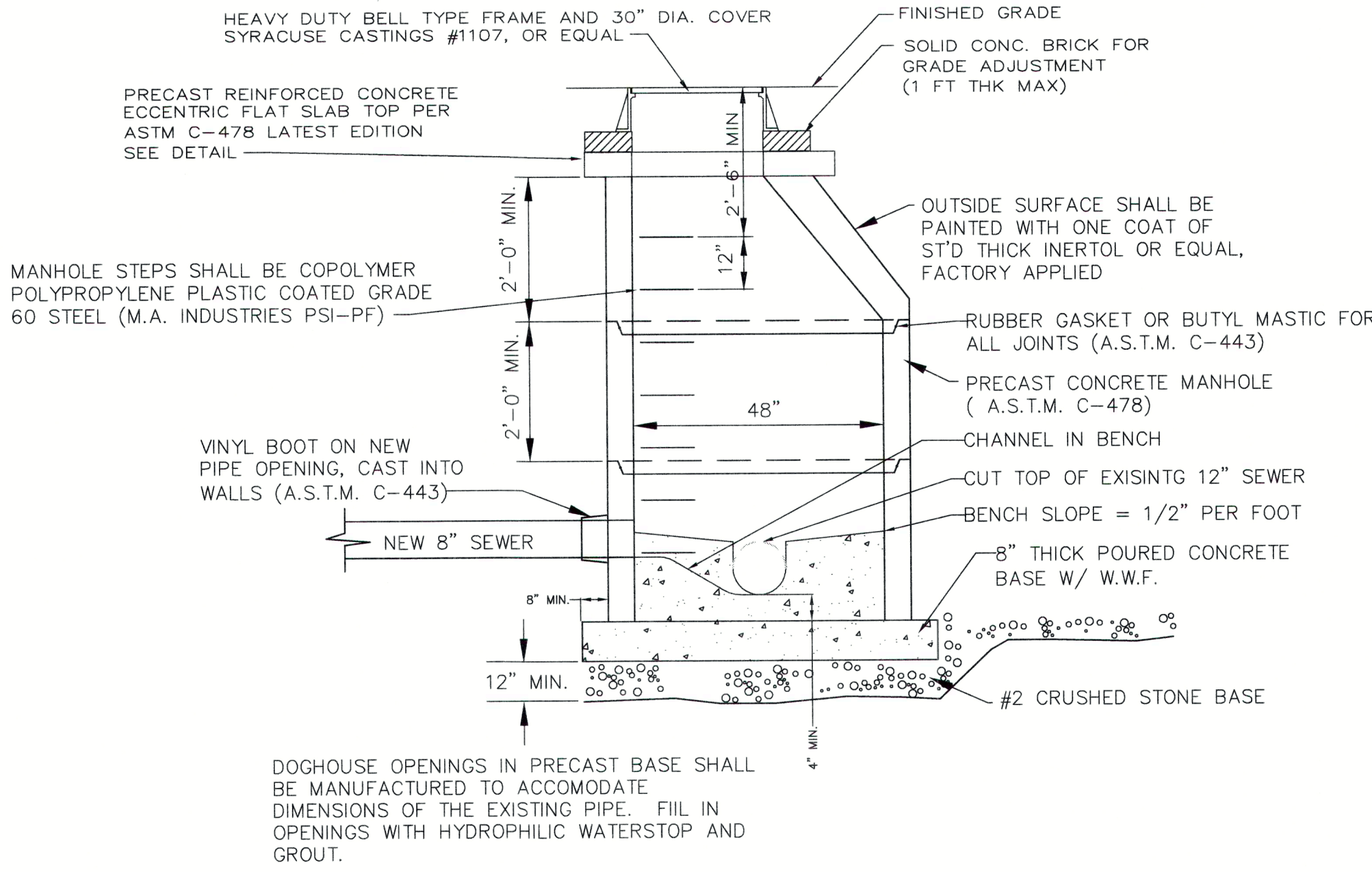
- GENERAL
1. THE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL HE HAS SUBMITTED MATERIALS CERTIFICATES TO THE ENGINEER AND THESE HAVE BEEN RETURNED TO HIM STAMPED "APPROVED".
 2. CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE TOWN INSPECTOR AT LEAST 24 HOURS PRIOR TO STARTING ANY WORK.
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS RELATING TO THE WORK.



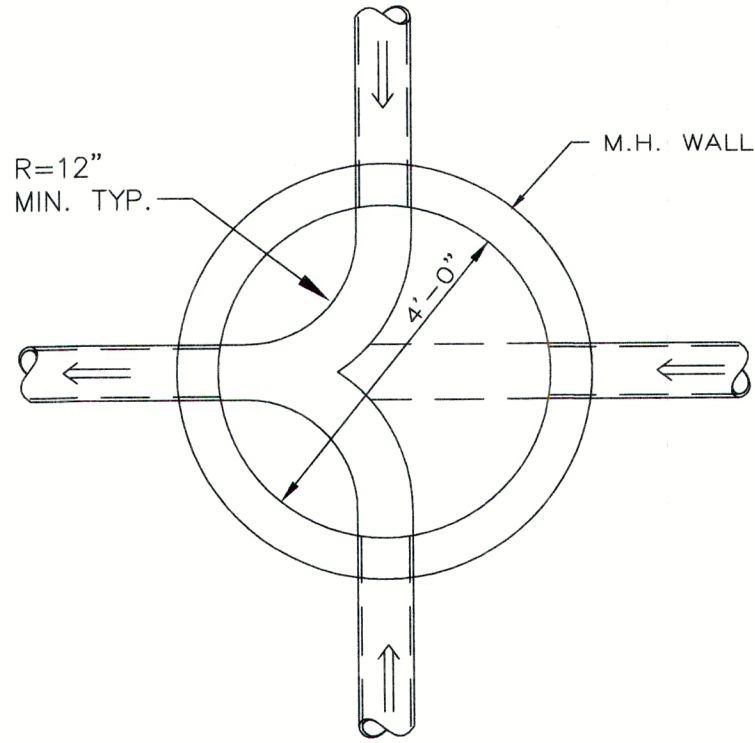
SEPARATION DETAIL
WATER MAINS AND SEWERS
NO SCALE



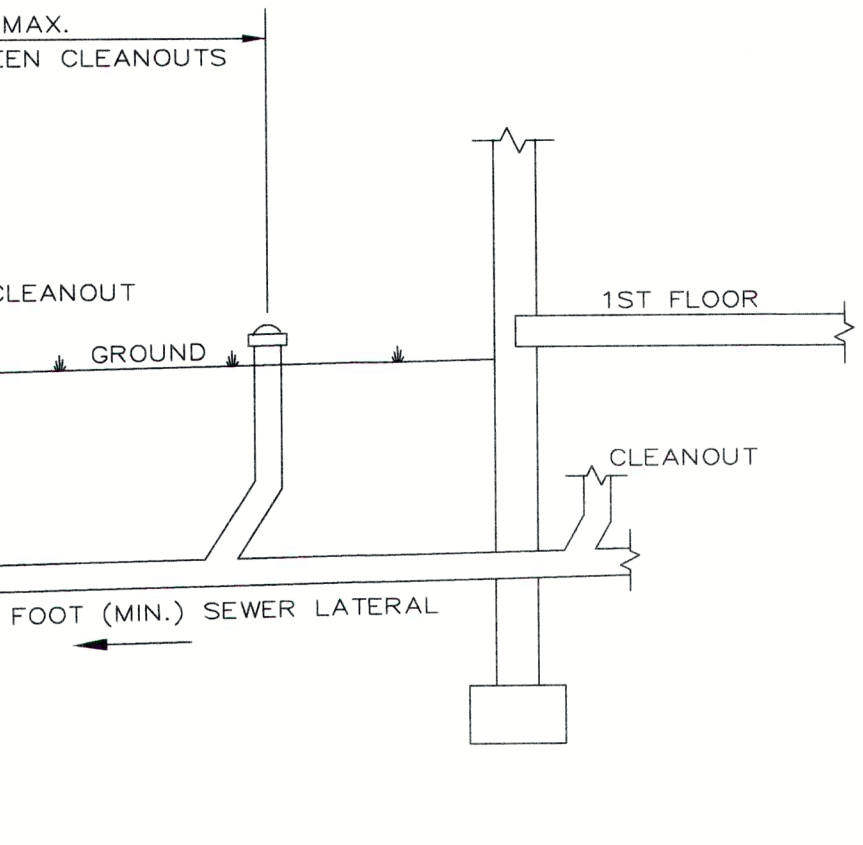
LATERAL DETAIL
NO SCALE



SANITARY SEWER DOGHOUSE MANHOLE DETAIL
NO SCALE

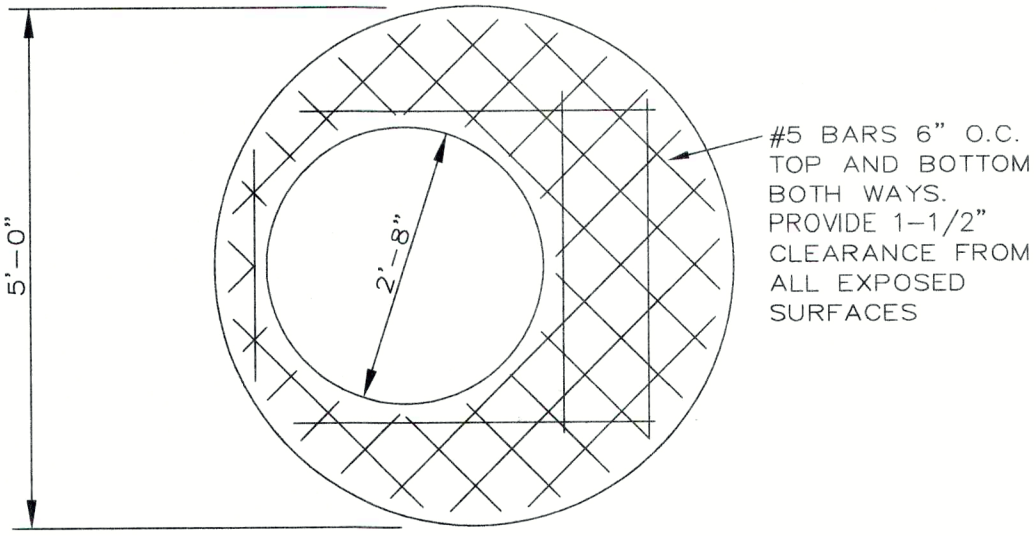


CHANNELIZATION DETAIL
(3 OR 4 WAY MANHOLE)
NO SCALE

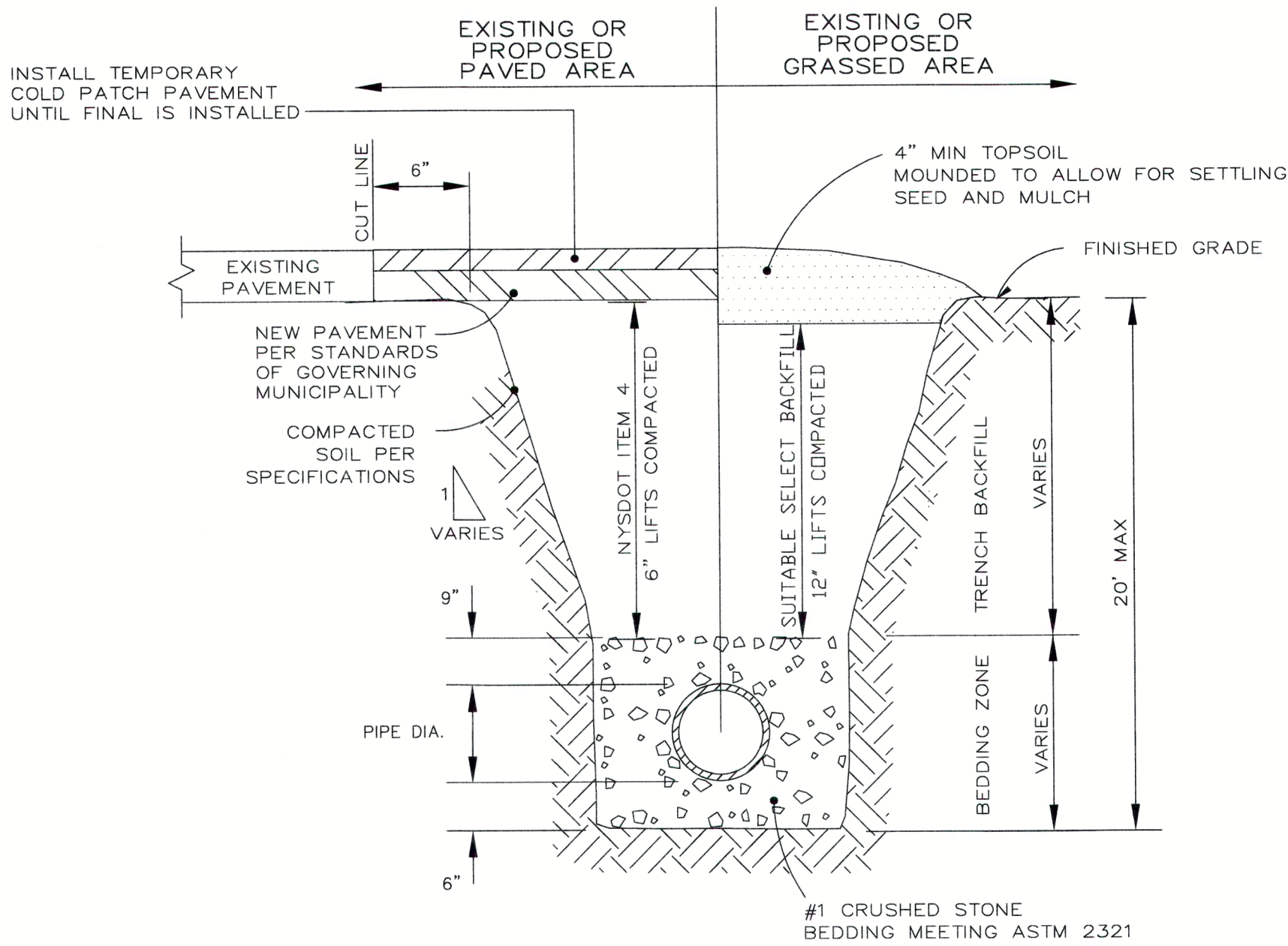


NOTE:
SANITARY SEWER CONTRACTOR SHALL
CONSTRUCT EACH LATERAL SUCH THAT
IT'S TERMINUS AT THE RIGHT OF WAY
LINE IS NO GREATER THAN 12 FT.
BELOW THE PROPOSED FINISH GRADE.

TYPICAL BUILDING CONNECTION
NO SCALE

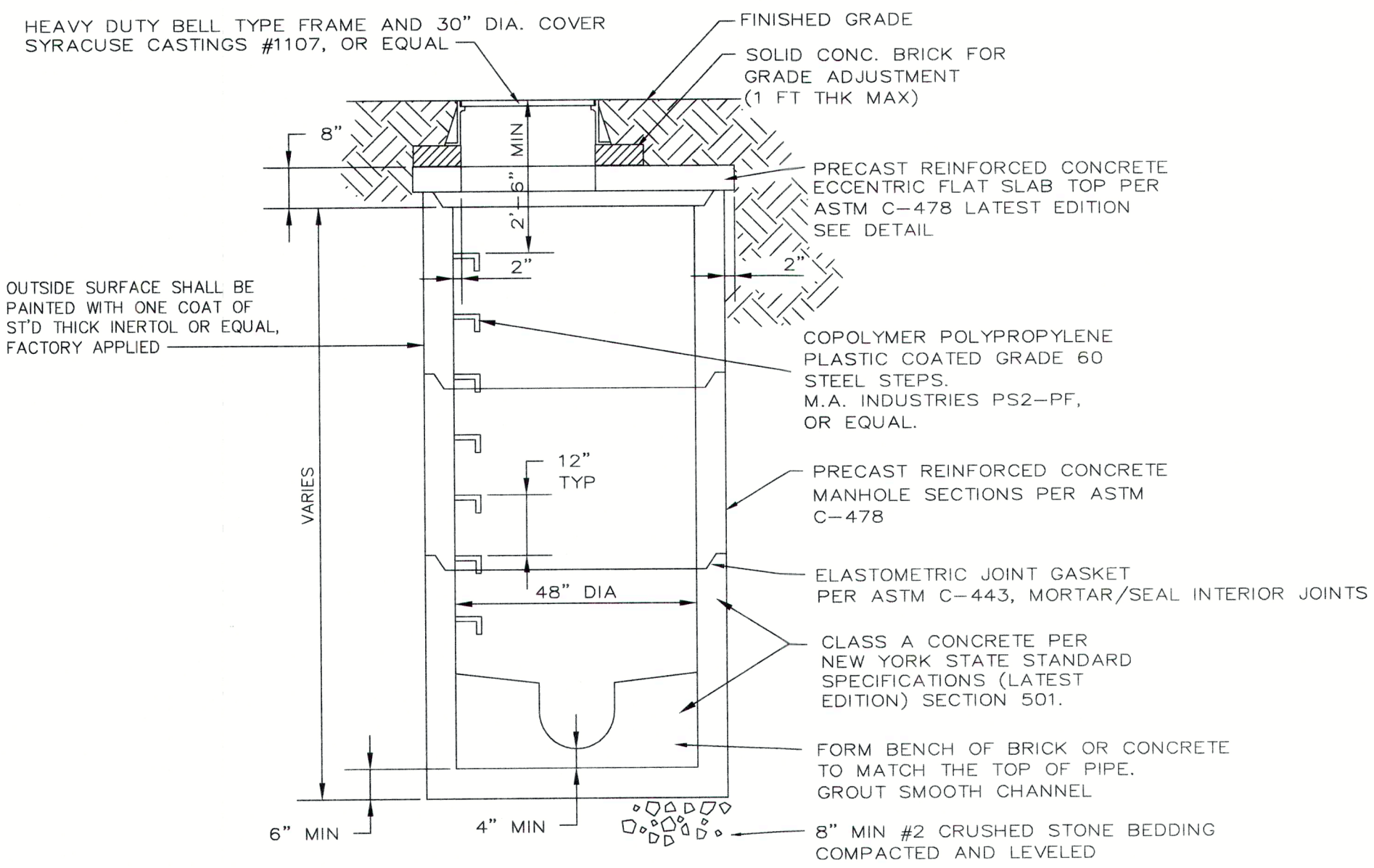


ECCENTRIC FLAT SLAB TOP DETAIL
NO SCALE



TYPICAL SANITARY TRENCH SECTION
NO SCALE

NOTE:
ALL CONSTRUCTION, INSPECTION AND MONITORING
SHALL COMPLY WITH ALL OSHA, STATE AND LOCAL
ORDINANCES, LAWS AND PROCEDURES.
THIS SHALL INCLUDE ALL CONSTRUCTION METHODS,
MATERIALS AND SAFETY PROCEDURES.
ADDITIONAL TRENCH SAFETY, INSPECTION AND
MONITORING SHALL BE DESIGNED AND FURNISHED
BY THE CONTRACTOR AS REQUIRED BY OSHA, STATE
AND LOCAL ORDINANCES, LAWS AND PROCEDURES.



SANITARY SEWER MANHOLE DETAIL
NO SCALE

NOTE:
FOR "DOGHOUSE" MANHOLES, POUR 8" CONCRETE PAD UNDER AND AROUND THE EXISTING
SEWER LINE UP TO SPRING LINE. CUT OUT TOP OF EXISTING SEWER PIPE ONCE NEW LINES
ARE INSTALLED AND TESTED.

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ature, the date of such alteration
and a specific description of the
alteration.

DATE	BY	REVISION

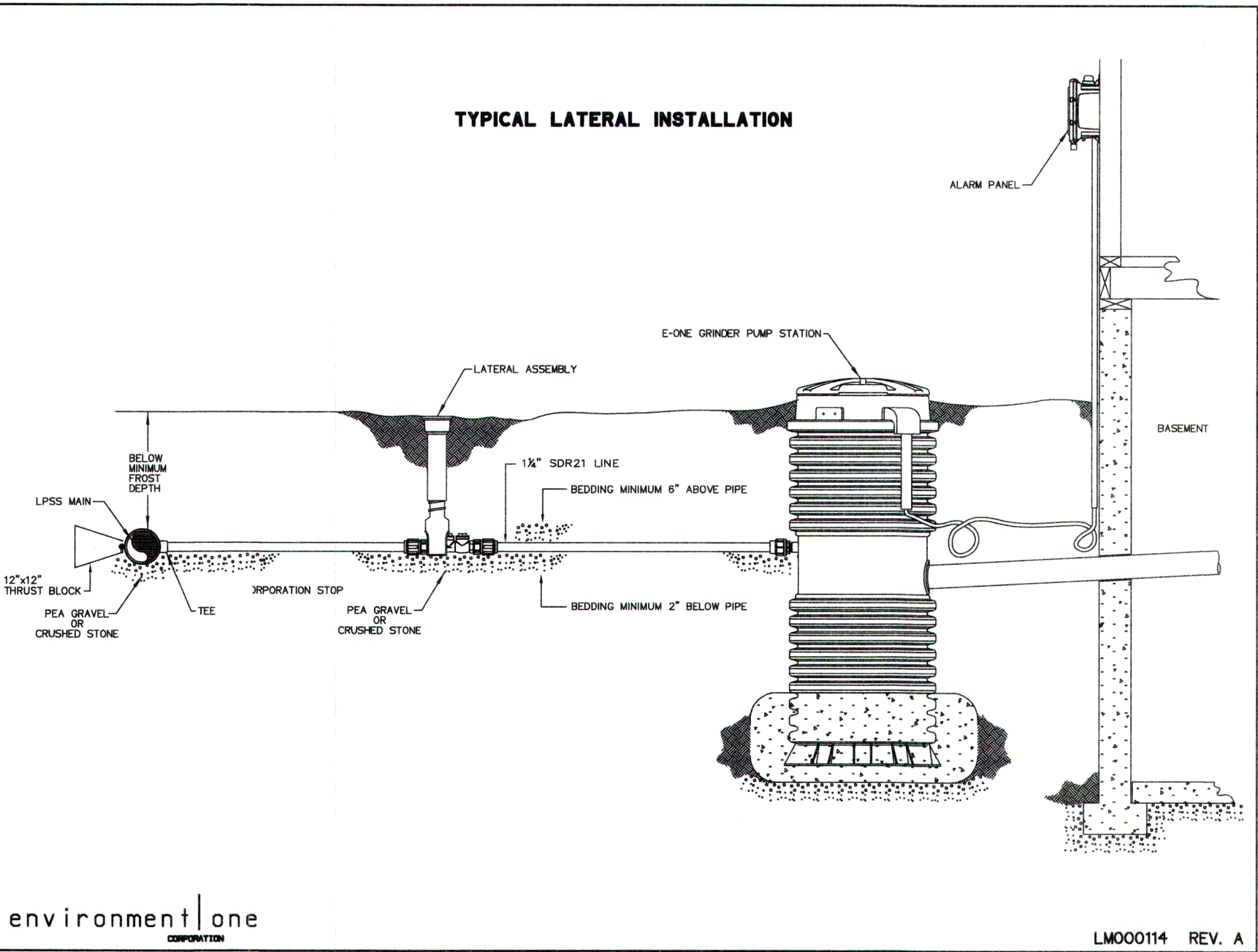
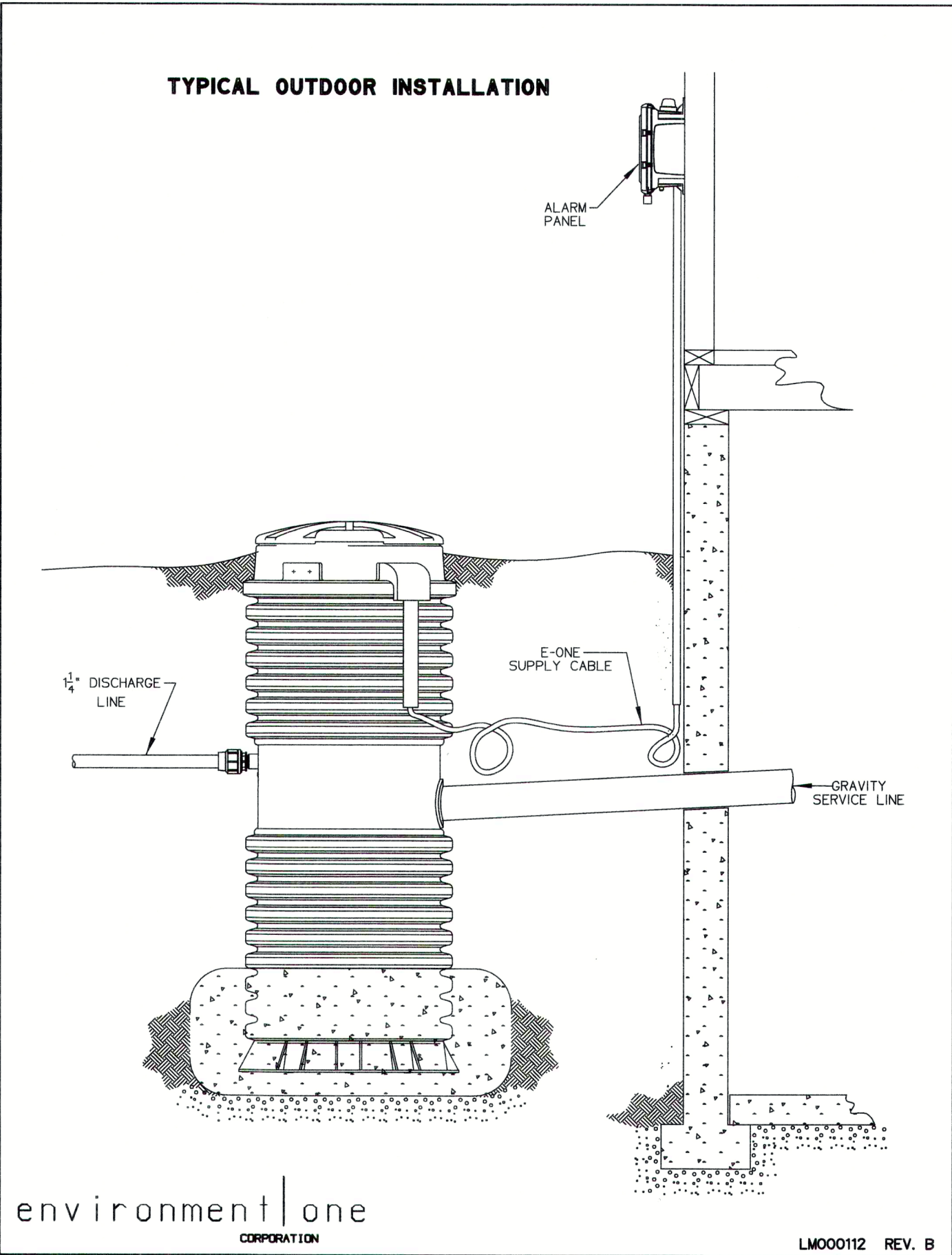
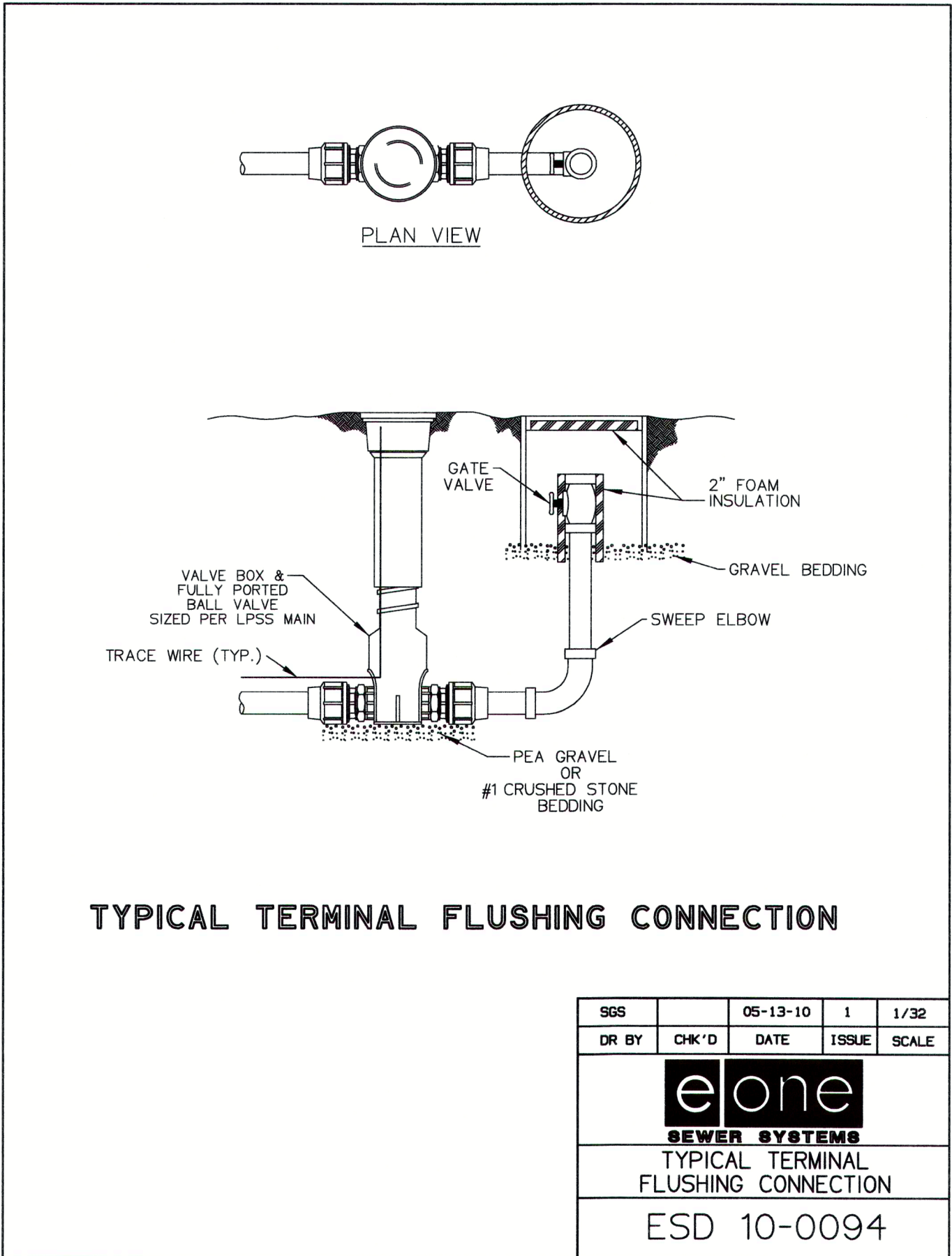
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4 OXFORD CROSSING, SUITE 102, NEW HARTFORD, NY 13413 (315) 797-6088

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KRAKOWAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

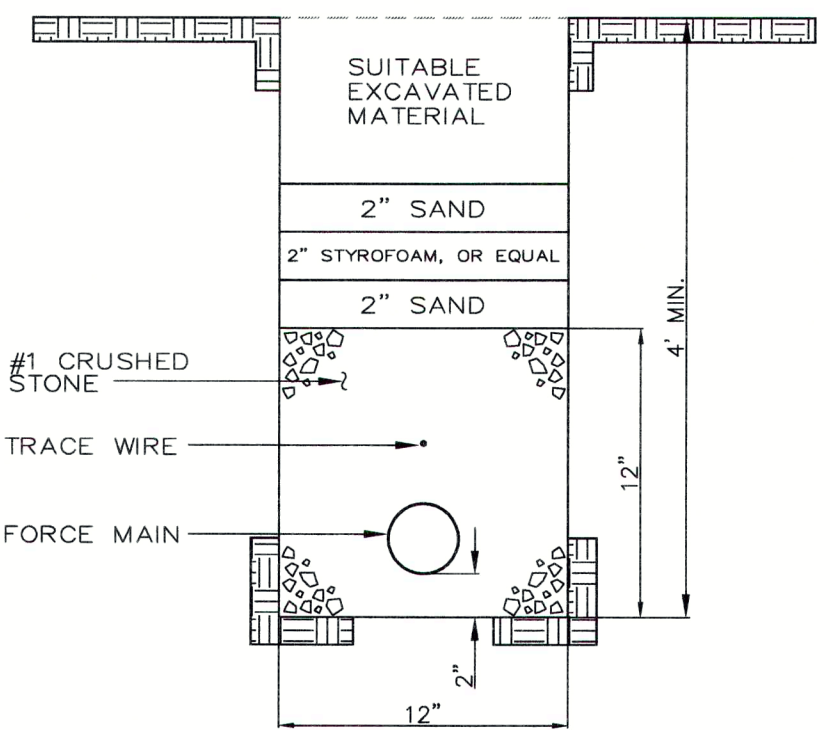
SCALE: AS SHOWN	DATE: 05/07/18
DWN. BY: EJL	CKD. BY: DDE
JOB NO.: 15087	FILE: KRAKDET
DWG. NO.:	SHEET 9A

SANITARY SEWER NOTES

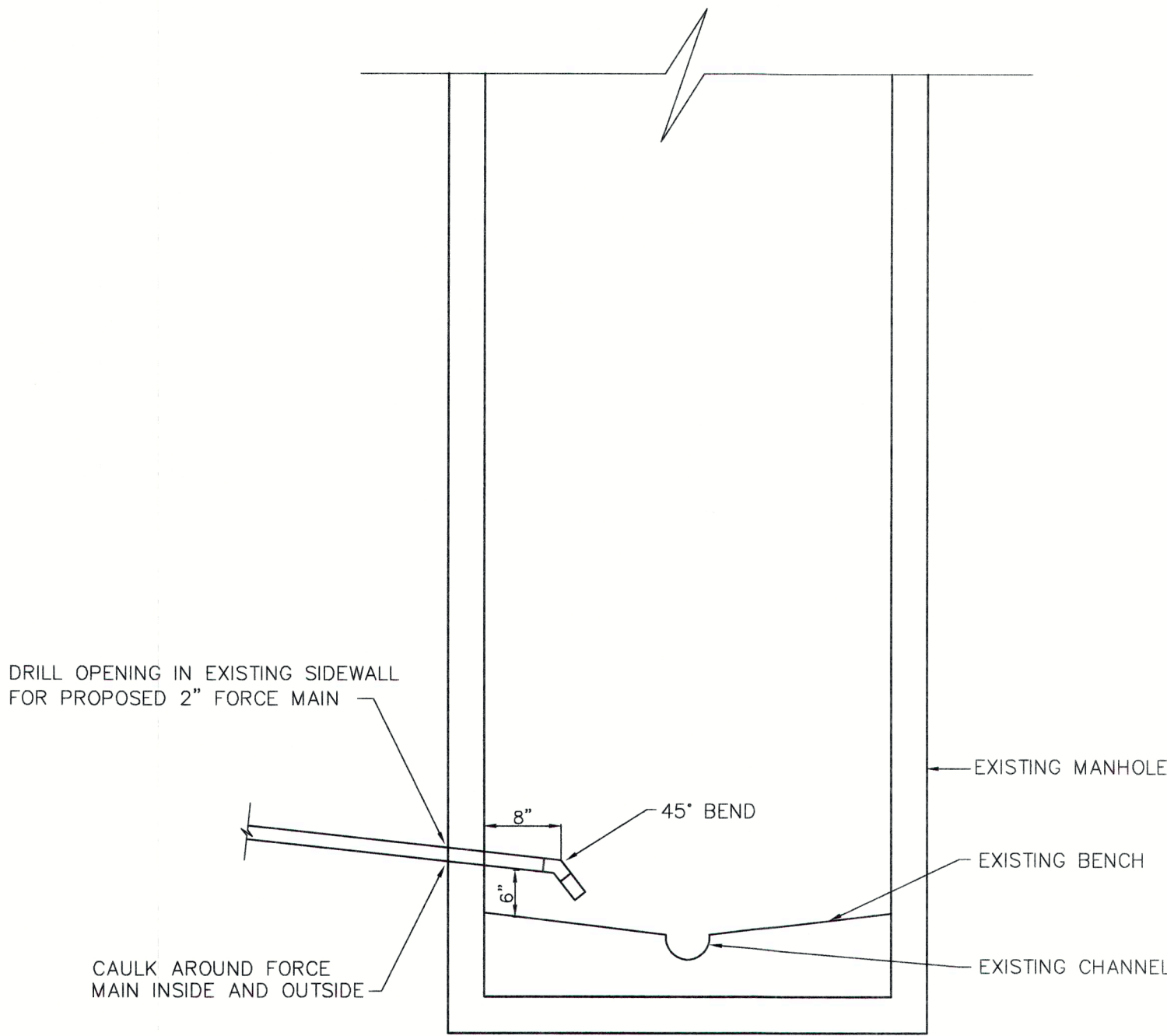
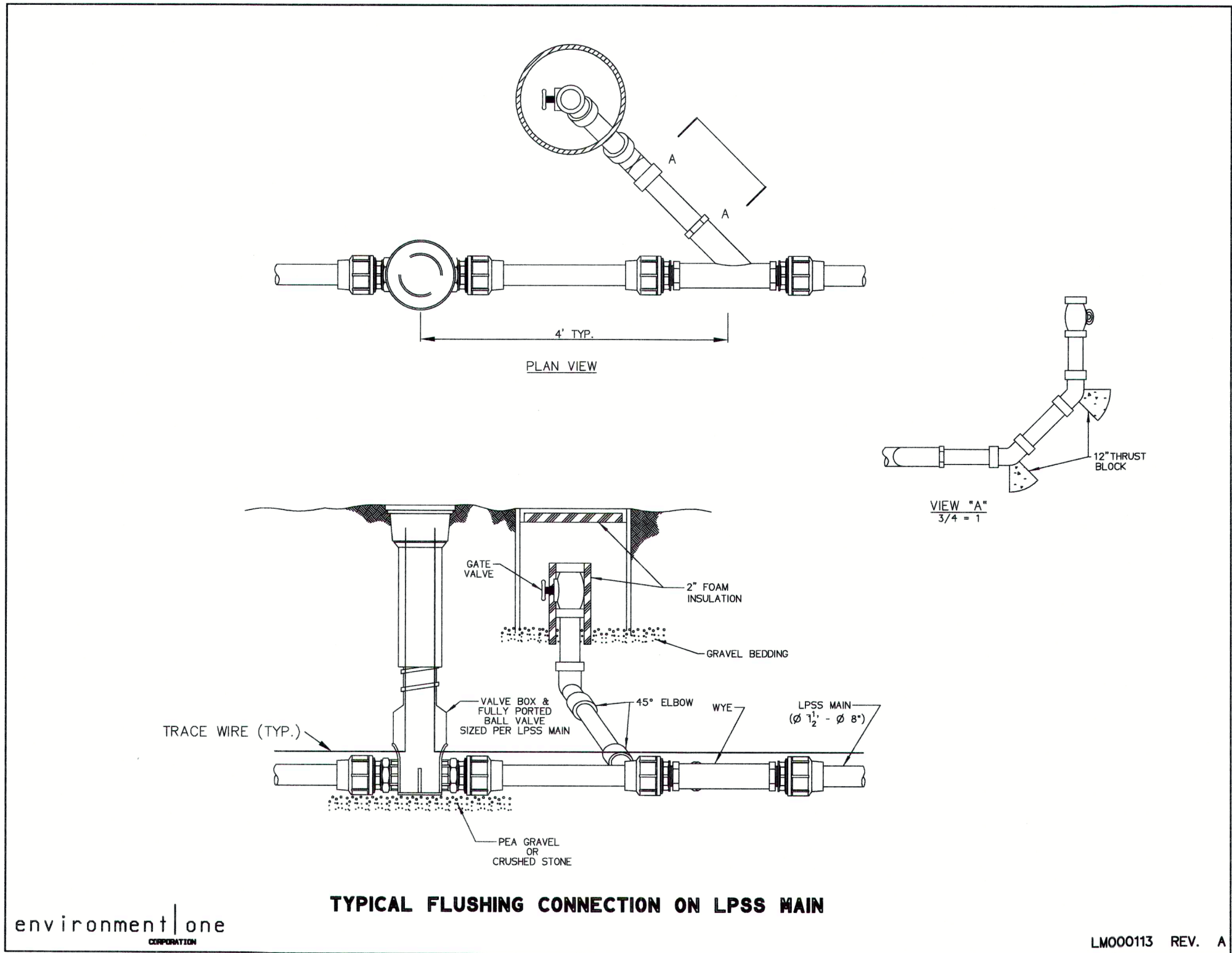
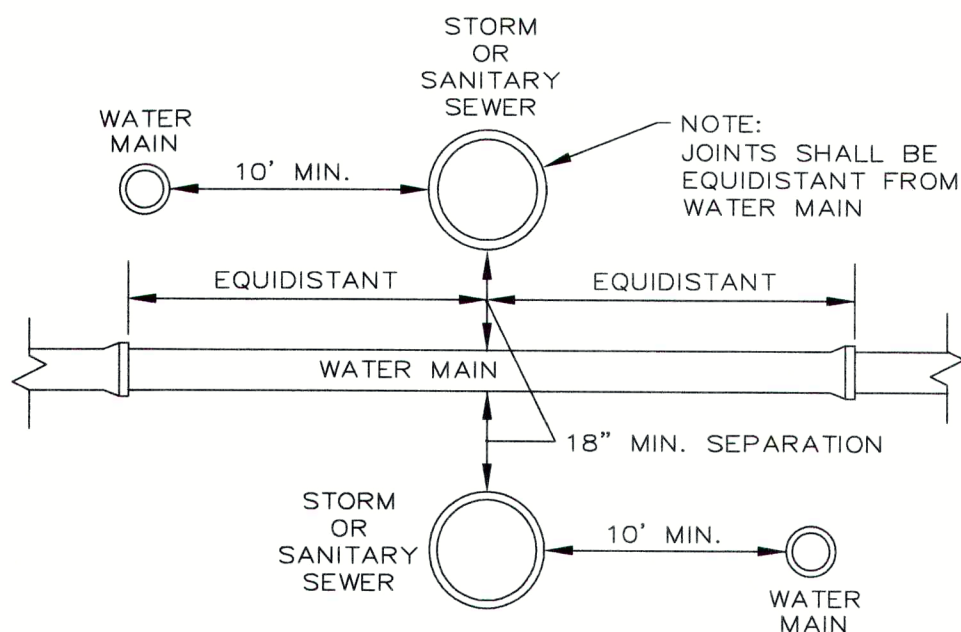
1. ALL FORCE MAIN PIPES SHALL BE 2" SDR-21 PVC WITH SOLVENT WELDED JOINTS.
2. ALL PUMP STATIONS SHALL BE E-ONE MODEL DH-071 UNITS. PUMP STATIONS SHALL BE COMPLETE WITH PUMP, CHECK VALVE, SENTRY PANEL (ALARM) AND WET WELL.
3. ALL SANITARY LATERALS SHALL BE 1 1/2" SDR-21 PVC.
4. LATERAL VALVE KITS (CURB STOPS) SHALL BE INSTALLED AT THE RIGHT-OF-WAY LINE ON EACH SANITARY LATERAL.
5. ALL MAIN LINES SHALL BE PRESSURE TESTED AT 16 PSI FOR 1 HOUR WITH A MAXIMUM LOSS OF 0.5 PSI.



NOTE: INSTALL TRACE WIRE 2"-4" ABOVE ALL SANITARY FORCE MAIN LINES. CARRY TRACE WIRES UP TO THE SURFACE WITHIN VALVE BOXES.



NOTE: STONE & SAND TO BE FULL WIDTH OF TRENCH



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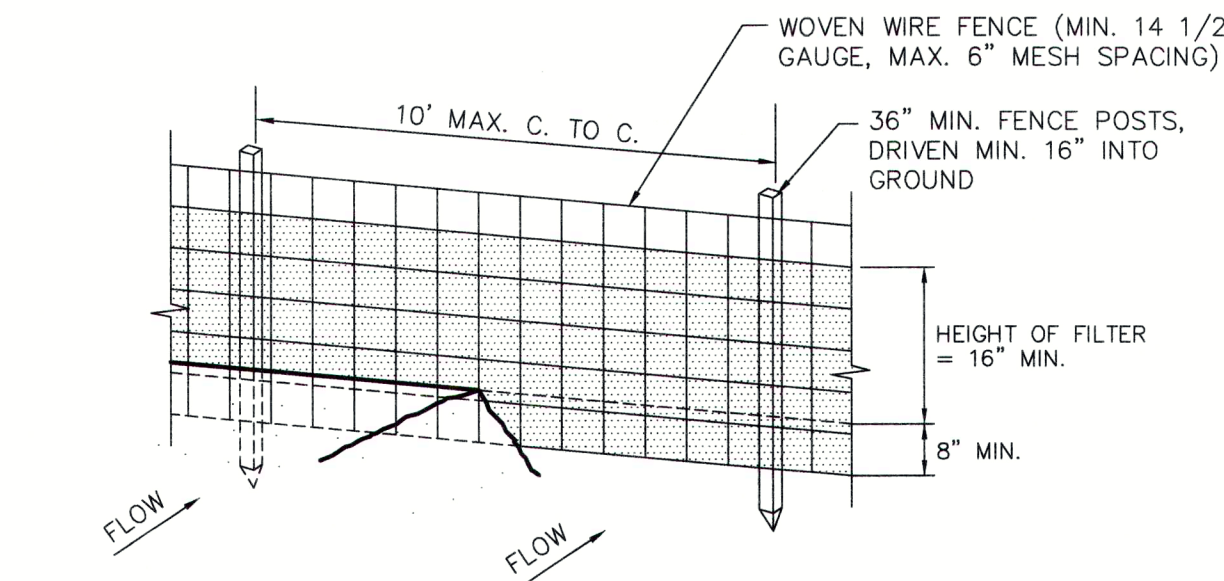
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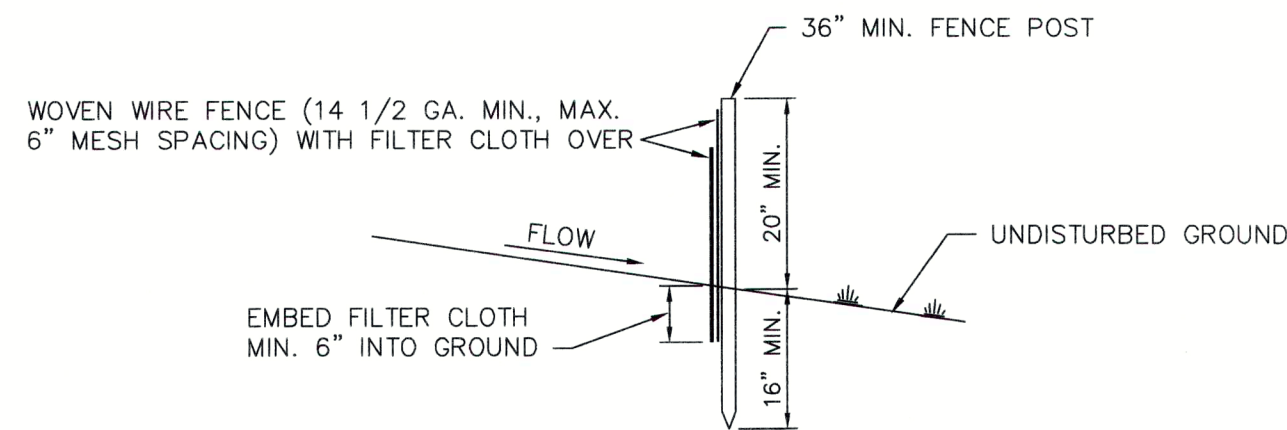
BOULDER CONSULTANTS

KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

SCALE:	DATE:
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DWN. BY:	CKD. BY:
EJL	DDE
JOB NO.:	FILE:
15087	KRAKEONE
DWG. NO.:	
SHEET 9B	



PERSPECTIVE VIEW
NO SCALE

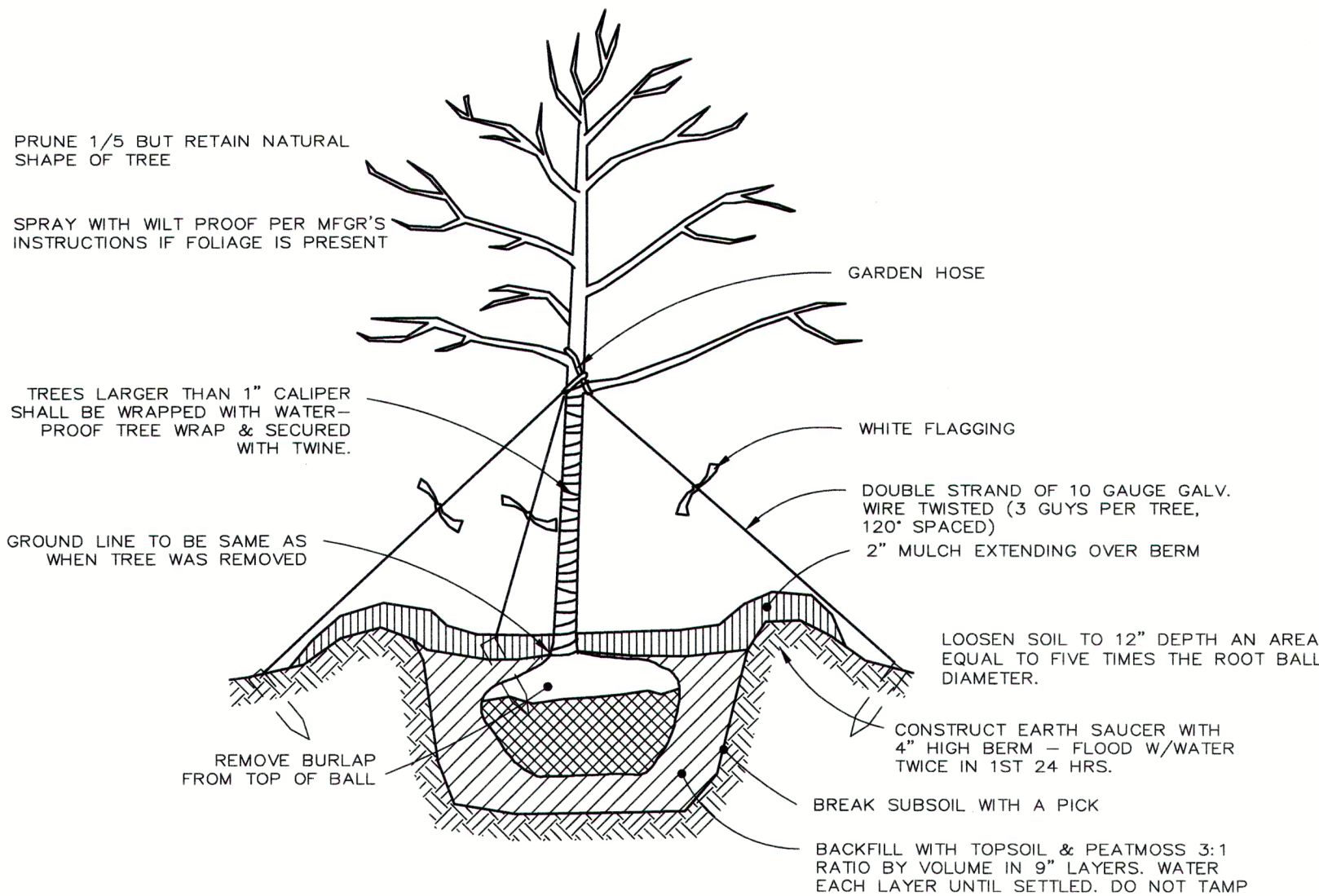


SECTION
NO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

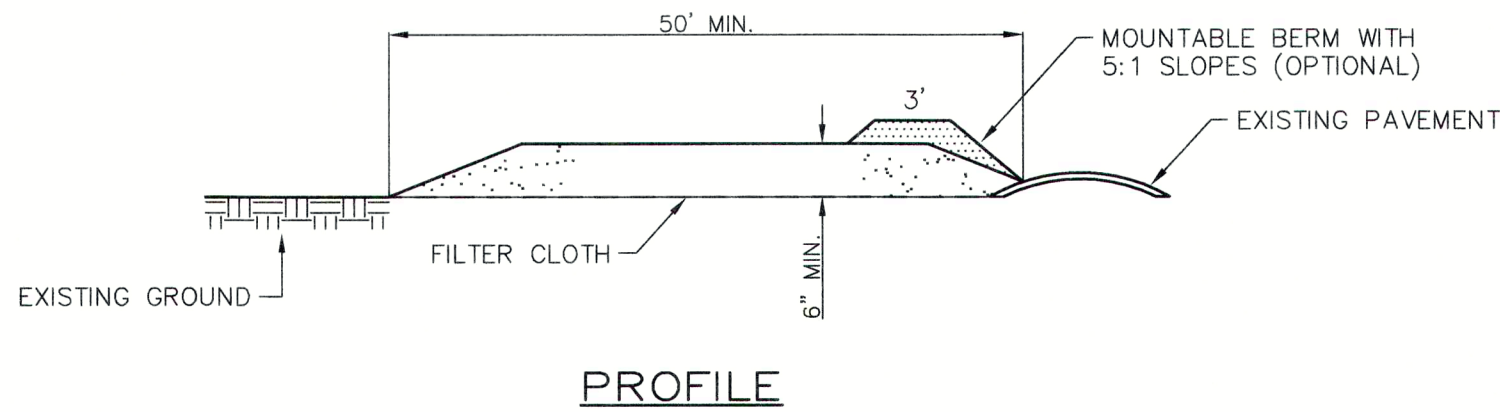
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN SILT FENCE.
- POSTS : STEEL EITHER "I" OR "U" TYPE OR 2" HARDWOOD
FENCE : WOVEN WIRE, 14 1/2 GA. 6" MAX. MESH OPENING
FILTER CLOTH : FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
PREFABRICATED UNIT : GEOTAB, ENVIROFENCE, OR APPROVED EQUAL.

SILT FENCE DETAILS NO SCALE

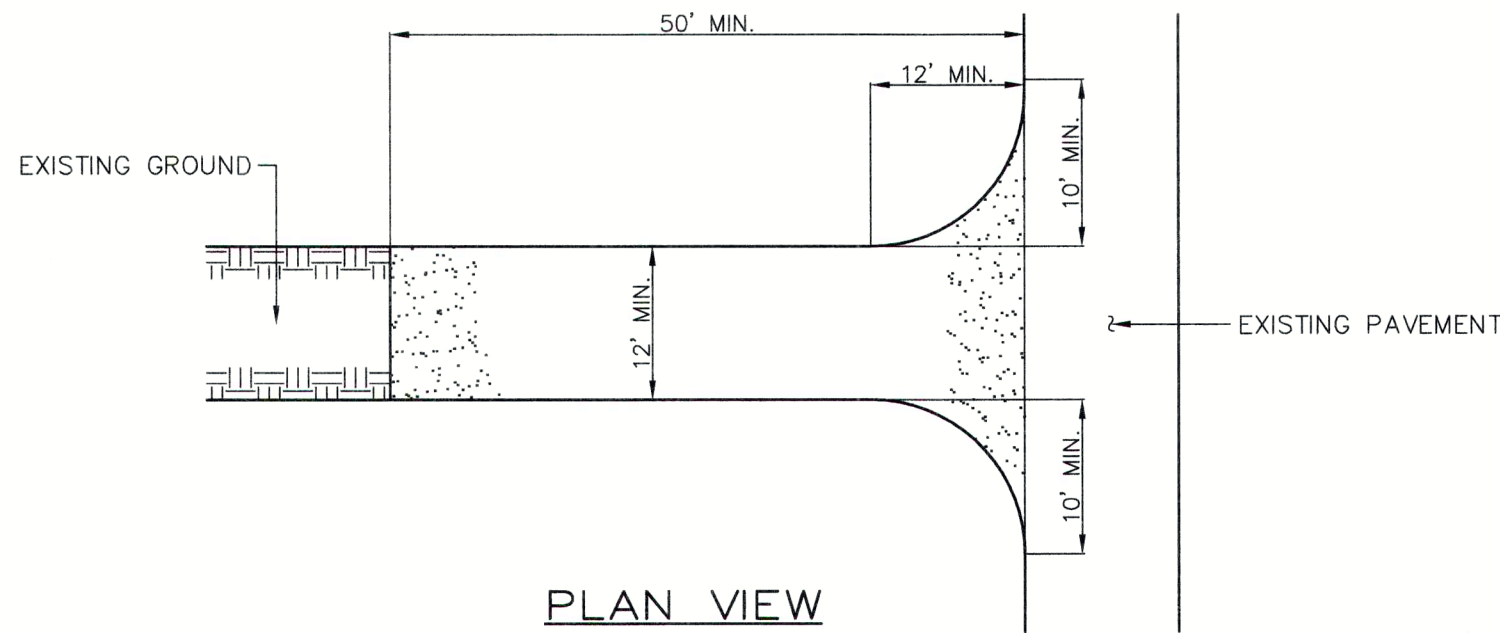


PLANTING & GUYING DETAIL – FOR MINOR TREES
1–1/2" CALIPER AND SMALLER, BALLED & BURLAPPED

TYPICAL PLANTING DETAIL
NO SCALE



PROFILE



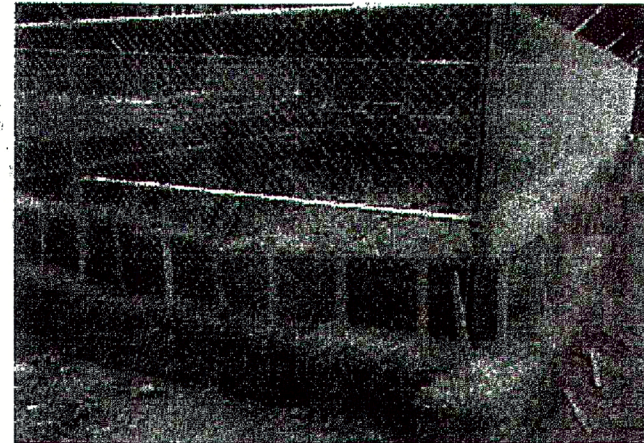
PLAN VIEW

CONSTRUCTION SPECIFICATIONS

- STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS – NOT LESS THAN SIX (6) INCHES.
- WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO THE SITE.
- FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL NO SCALE

STANDARD AND SPECIFICATIONS FOR CONCRETE TRUCK WASHOUT



or tears, and anchored beyond the top of the pit with an earthen berm, sand bags, stone, or other structural appurtenance except at the access point.

If pre-fabricated washouts are used they must ensure the capture and containment of the concrete wash and be sized based on the expected frequency of concrete pours. They shall be sited as noted in the location criteria.

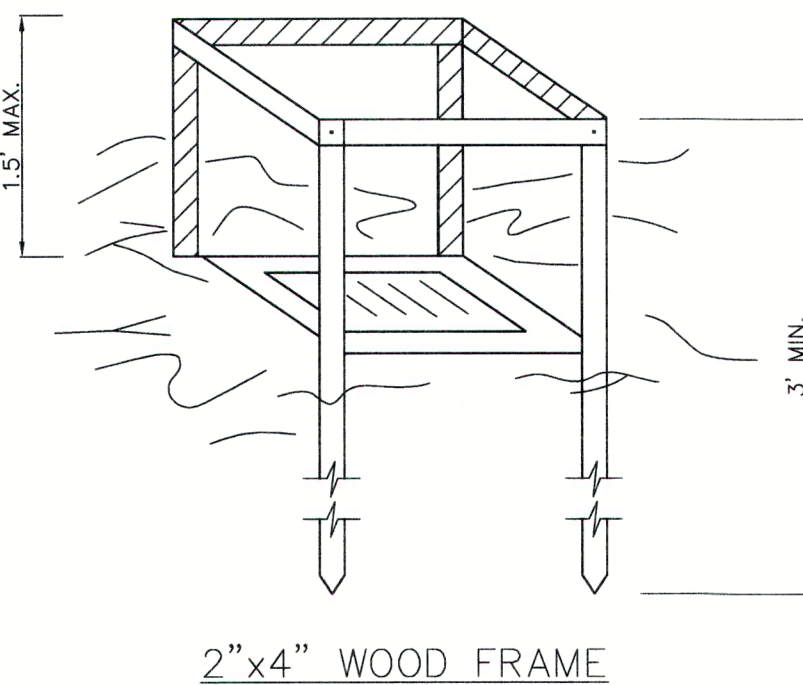
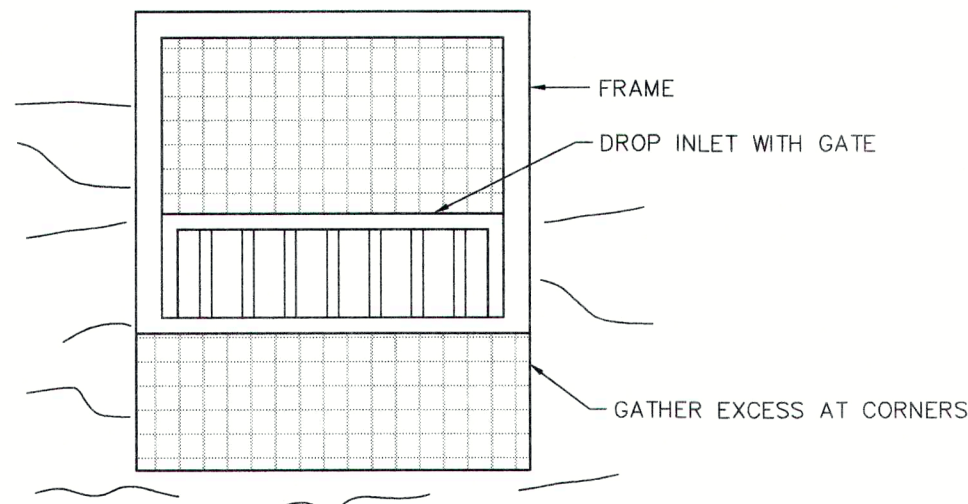
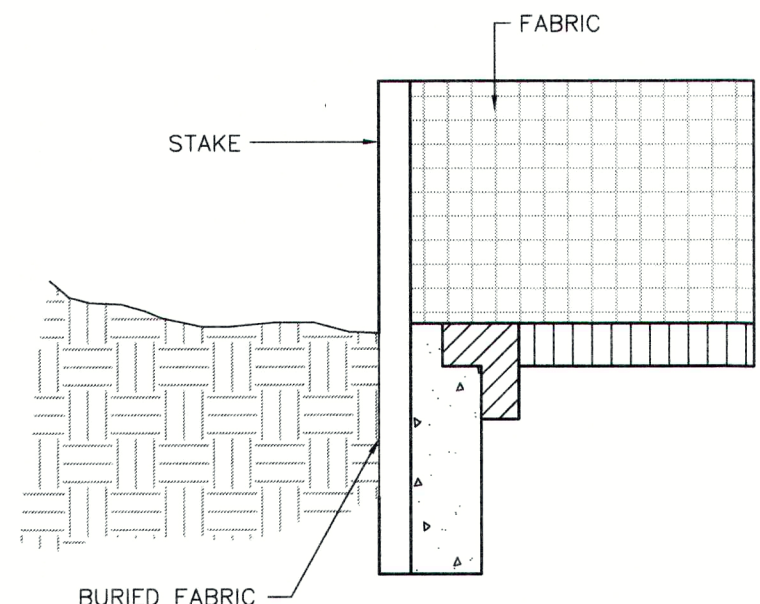
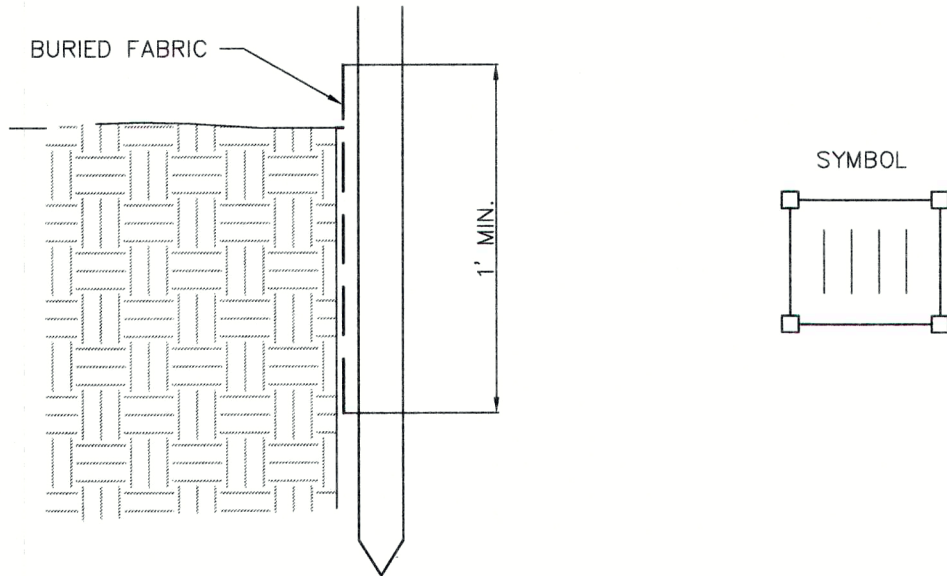
Criteria for Geotextile: The geotextile shall be woven or nonwoven fabric consisting only of continuous chain polymeric filaments or yarns of polyester. The fabric shall be inert to commonly encountered chemicals, hydrocarbons, mildew, rot resistance, and conform to the fabric properties shown below:

Fabric Properties	Roads Grade Sub-grade	Haul Roads Rough Graded	Test Method
Grab Tensile Strength (lbs)	200	220	ASTM D1682
Elongation at Failure (%)	50	60	ASTM D1682
Mullen Burst Strength (lbs)	190	430	ASTM D3786
Puncture Strength (lbs)	40	125	ASTM D751 Modified
Equivalent Opening Size	40-80	40-80	US Std Sieve CW-02215

Fabrics not meeting these specifications may be used only when design procedure and supporting documentation are supplied to determine aggregate depth and fabric strength.

Maintenance

- All concrete washout facilities shall be inspected daily. Damaged or leaking facilities shall be deactivated and repaired or replaced immediately.
- Accumulated material shall be removed when 75% of the storage capacity of the structure is filled.
- Dispose of the hardened material off-site in a construction/demolition landfill. On-site disposal may be allowed if this has been approved and accepted as part of the projects SWPPP. In that case, the material should be recycled as specified, or buried and covered with a minimum of 2 feet of clean compacted earthfill that is permanently stabilized to prevent erosion.
- The plastic liner shall be replaced with each cleaning of the washout facility.
- Inspect the project site frequently to ensure that no concrete discharges are taking place in non-designated areas.



CONSTRUCTION SPECIFICATIONS

- FILTER FABRIC SHALL HAVE AN EOS OF 40–85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
 - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 - STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT, OR METAL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18" DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
 - FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
 - A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVERFLOW STABILITY.
- MAXIMUM DRAINAGE AREA 1 ACRE

FILTER FABRIC DROP INLET PROTECTION NO SCALE

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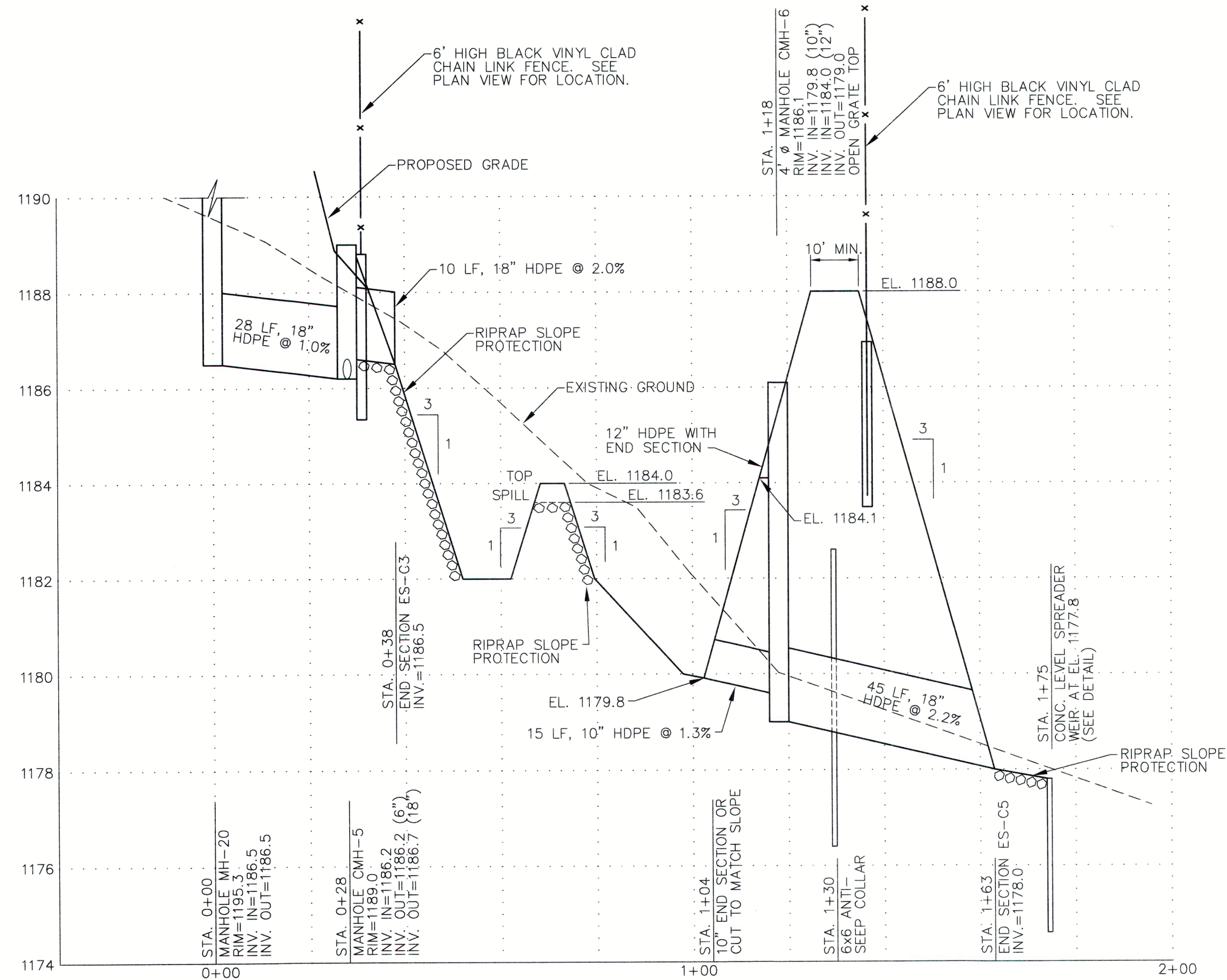
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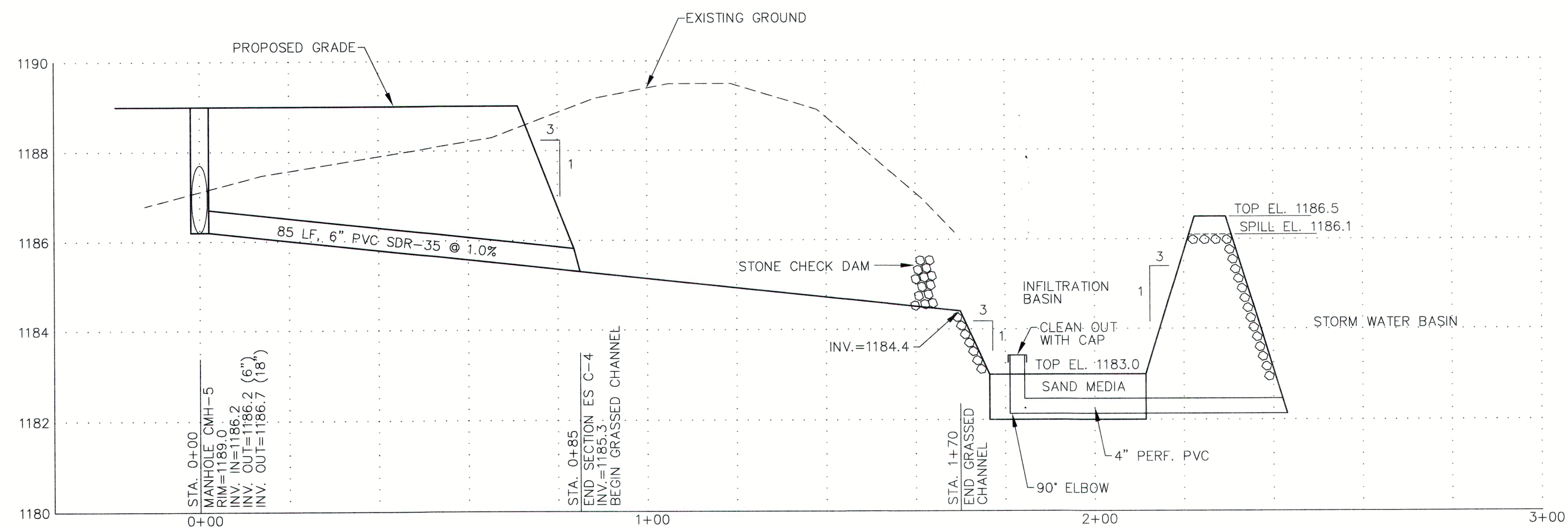
KRAKOWIAK DEVELOPMENT
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EROSION CONTROL DETAILS

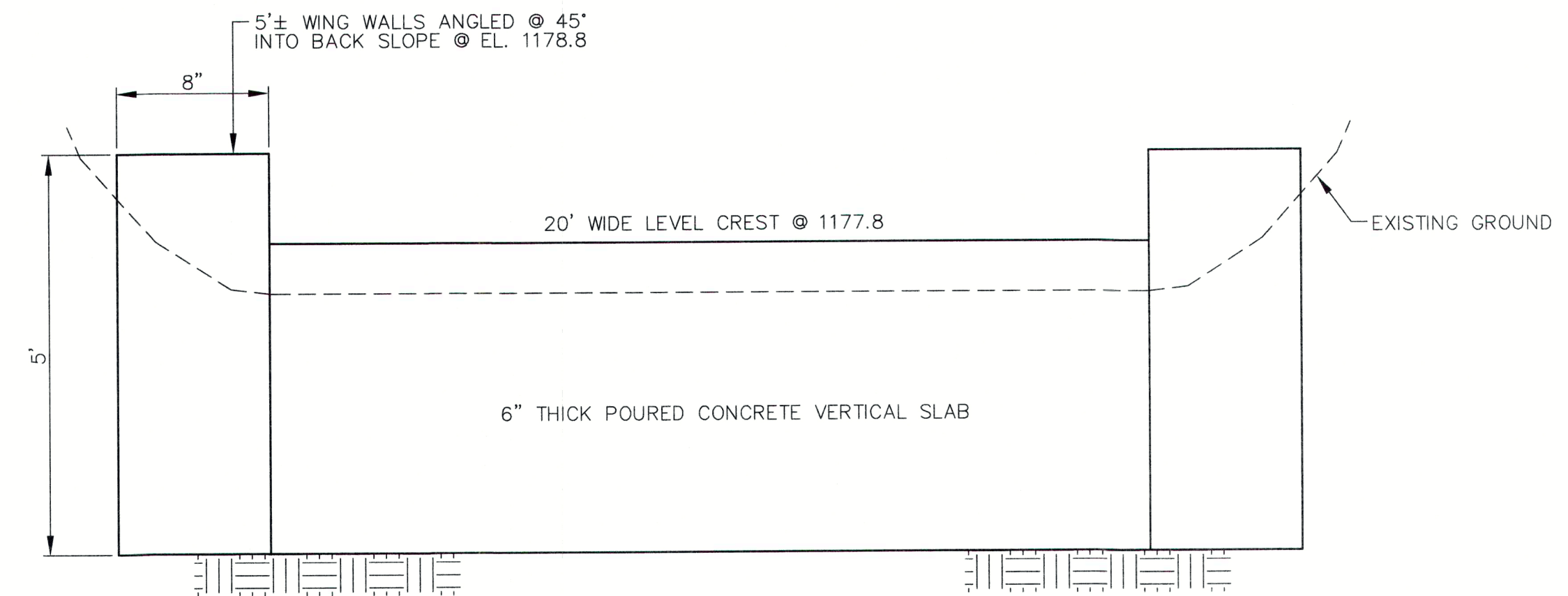
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JOB NO.: 15087	FILE: KRAKDET
DWG. NO.:	SHEET 10



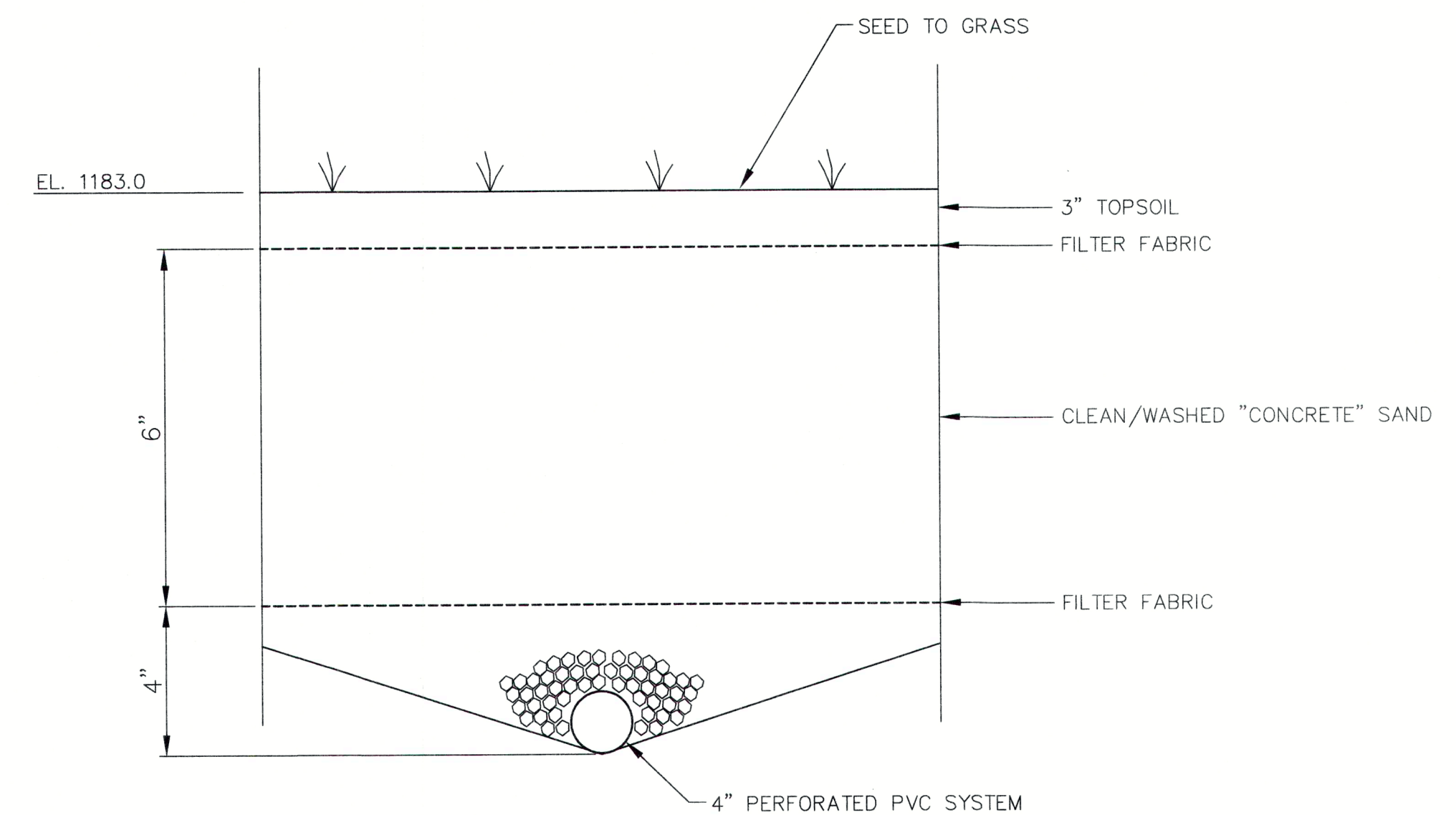
TYPICAL SECTION THROUGH NORTH BASIN SYSTEM
SCALE: 1"=20' HORIZ.
1"=2' VERT.



PROFILE CMH-5 TO STORM WATER BASIN
SCALE: 1"=20' HORIZ.
1"=2' VERT.



END VIEW OF LEVEL SPREADER
NO SCALE



TYPICAL SECTION OF FILTER MEDIA
NO SCALE

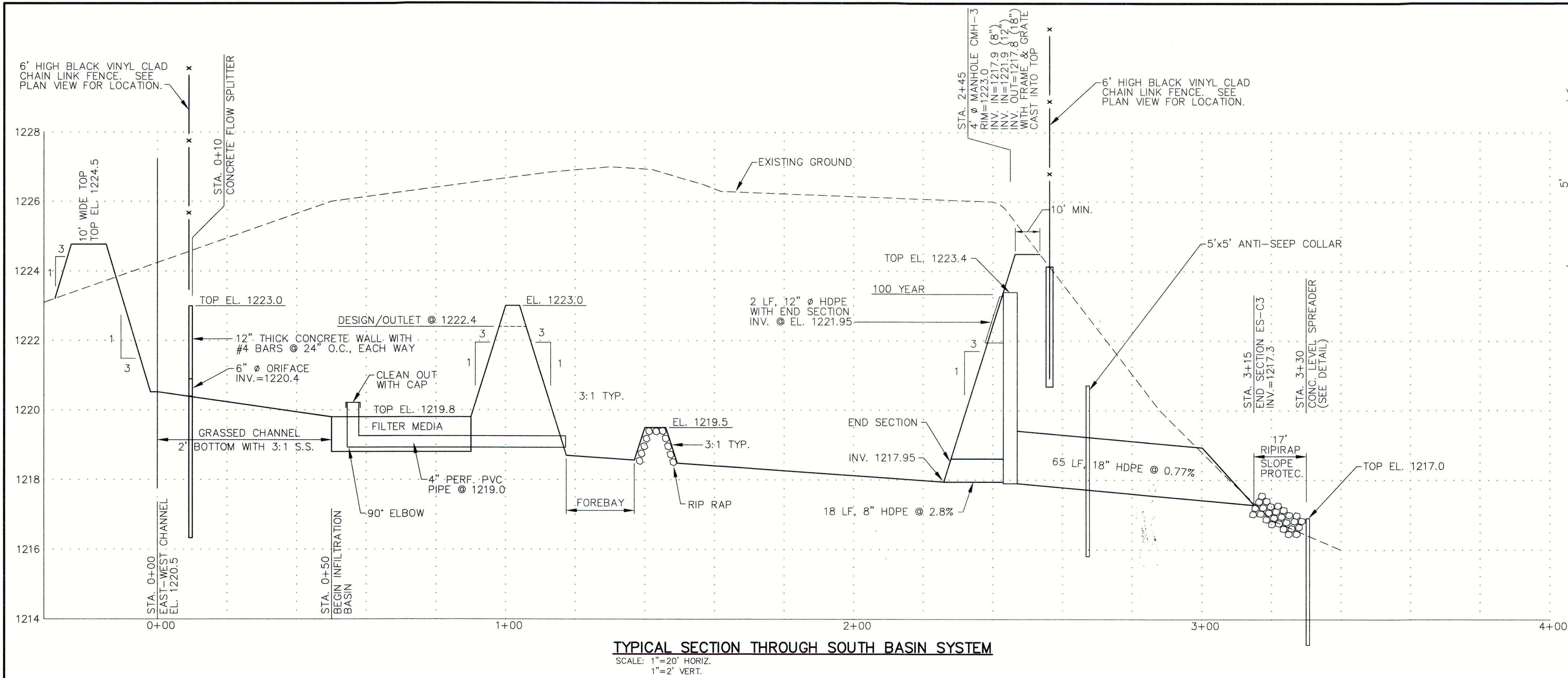
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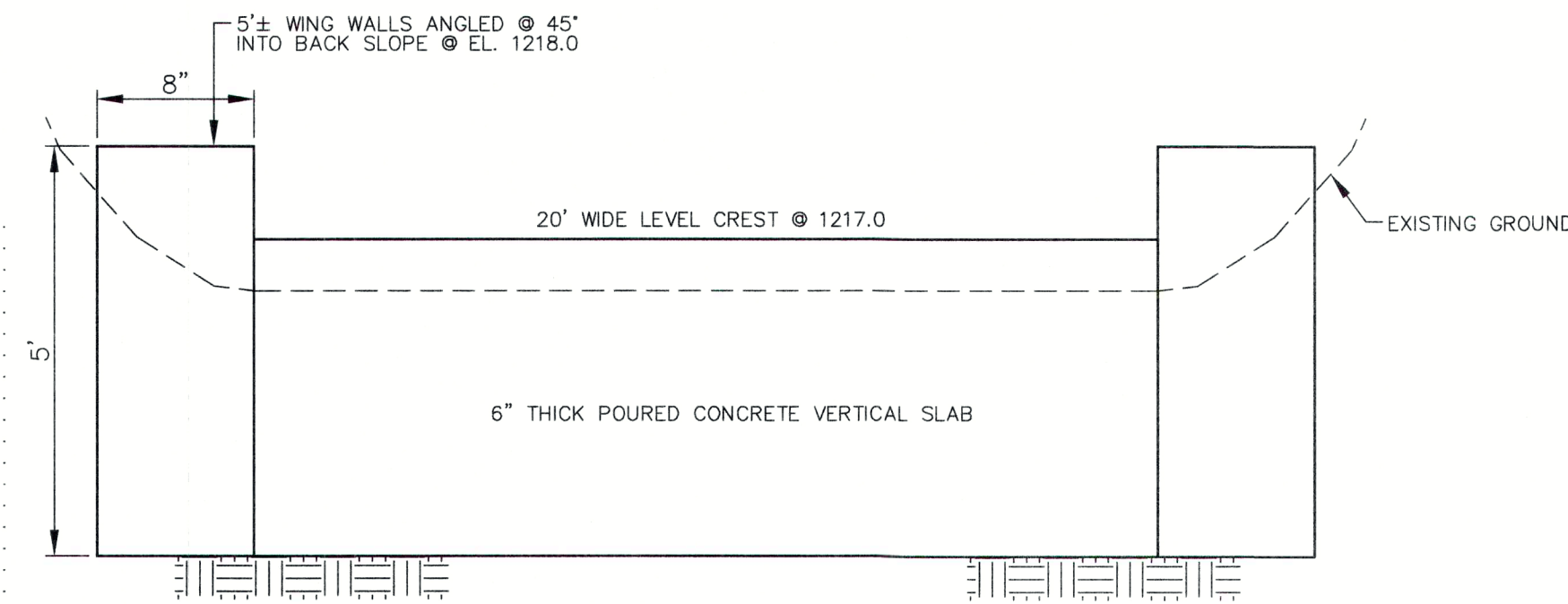
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KRAKOWIAK DEVELOPMENT
TOWN OF MARCY
COUNTY OF ONEIDA
STATE OF NEW YORK

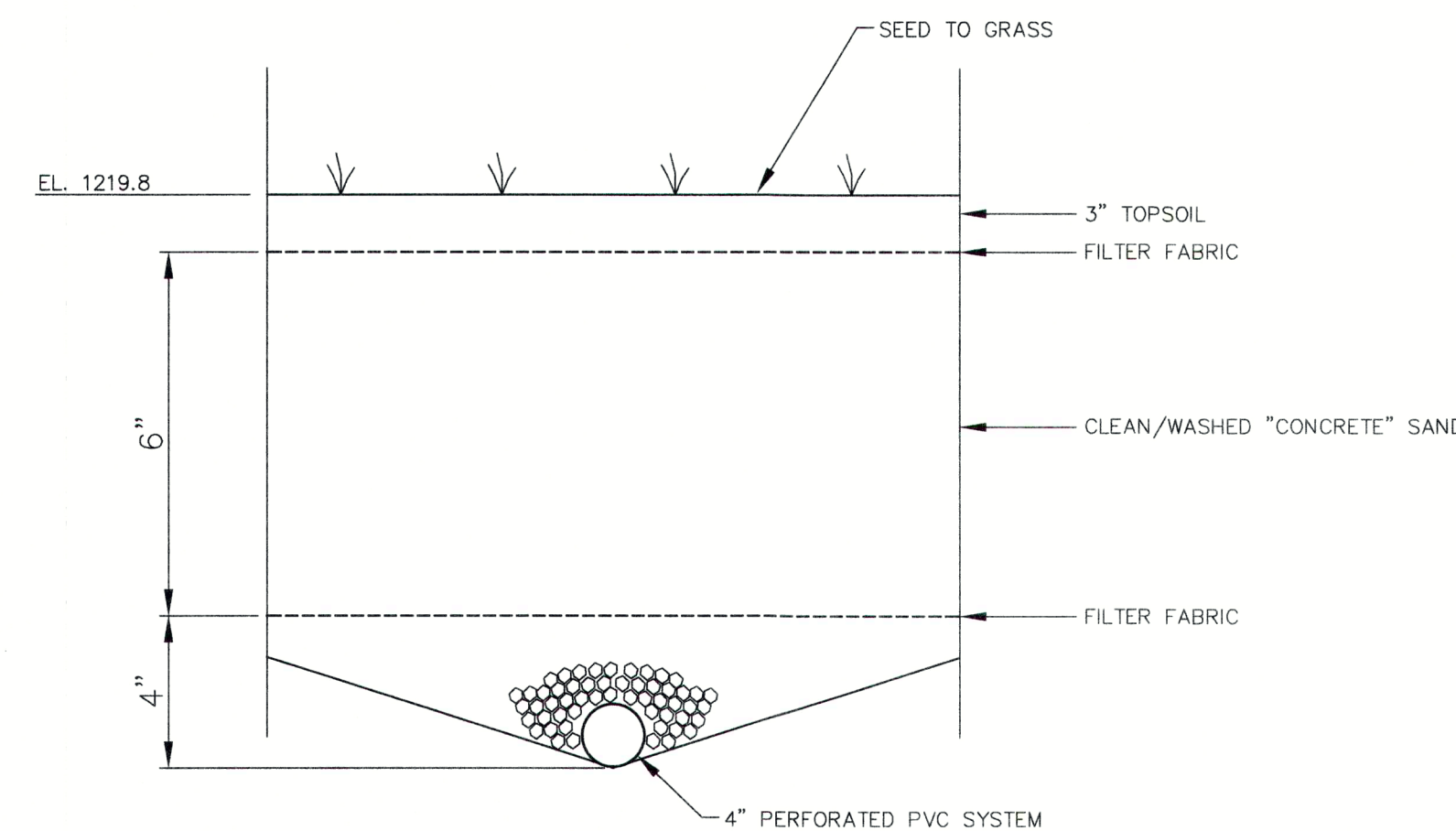
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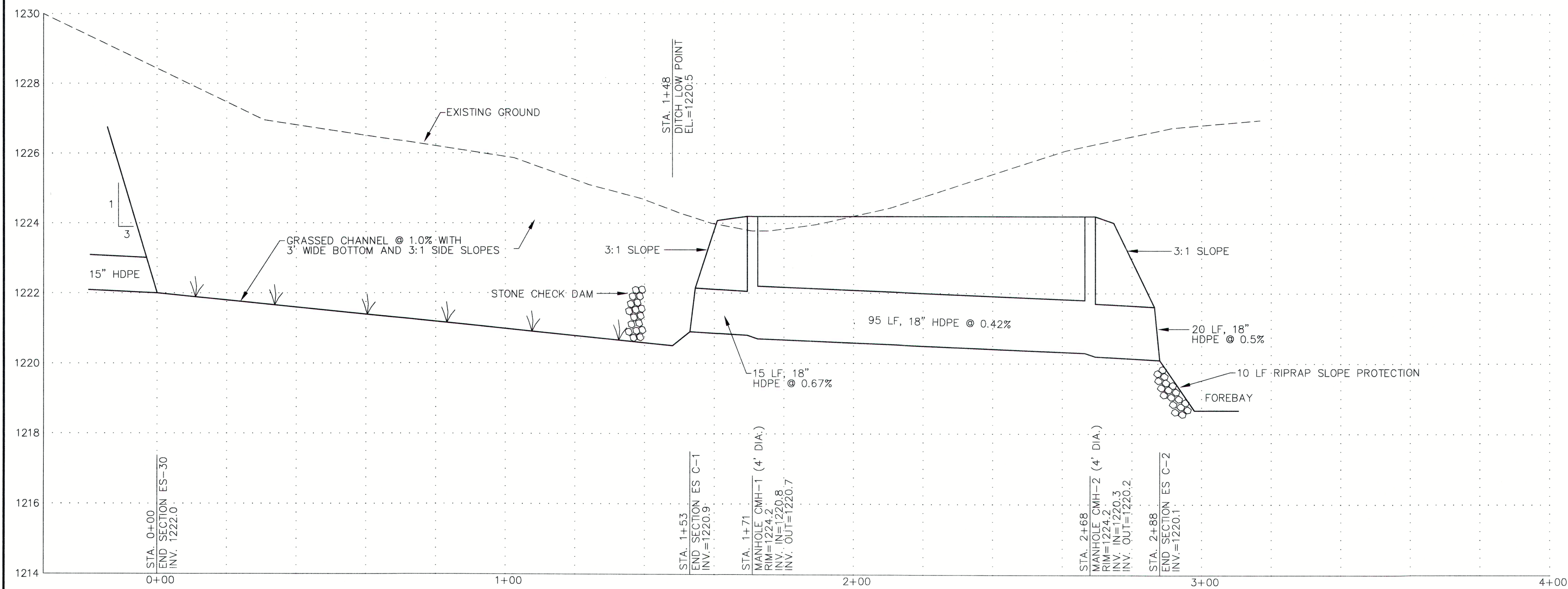
TYPICAL SECTION THROUGH SOUTH BASIN SYSTEM
 SCALE: 1"=20' HORIZ.
 1"=2' VERT.



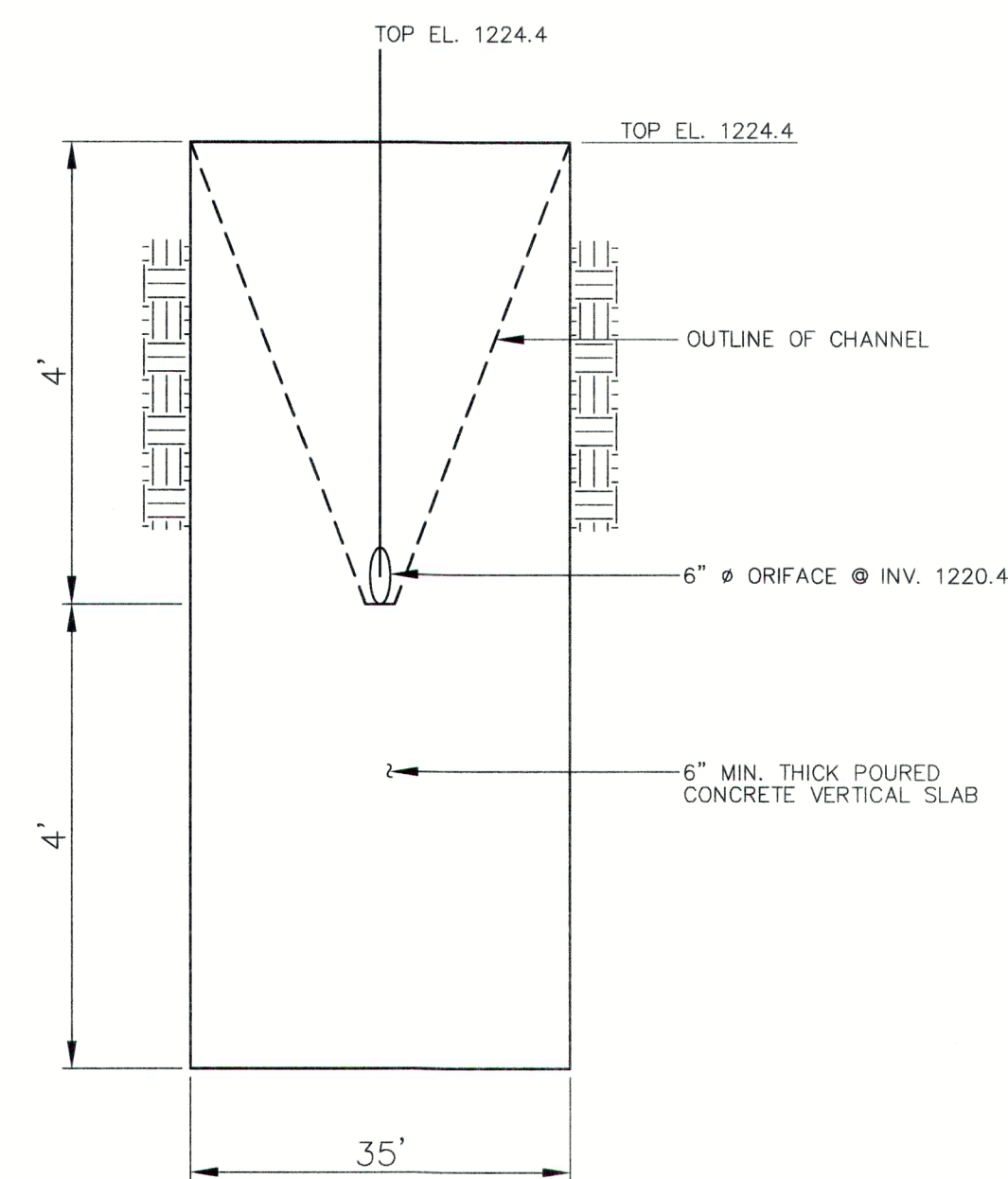
END VIEW OF LEVEL SPREADER
 NO SCALE



TYPICAL SECTION OF FILTER MEDIA
 NO SCALE



PROFILE ES C-1 TO ES C-2
 SCALE: 1"=20' HORIZ.
 1"=2' VERT.



END VIEW OF FLOW SPLITTER
 NO SCALE

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 COUNTY OF ONEIDA
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SOUTH BASIN
PLAN AND DETAILS

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DWG. NO.:	SHEET 11B



MAXIMUM DRAINAGE AREA: 2 ACRES

NO SCALE

New York State Standards and Specifications
For Erosion and Sediment Control

November 2015

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DWG. NO.: SHEET 12	