

PRELIMINARY/FINAL SUBDIVISION AND LAND DEVELOPMENT PLANS

FOR

FRIENDSHIP FIRE STATION & PHOENIXVILLE BOROUGH RECREATIONAL FIELDS

PHOENIXVILLE BOROUGH, CHESTER COUNTY PENNSYLVANIA

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* - DRAWINGS TO BE RECORDED



ENGINEER: THE COMMERCIAL ENGINEERING OF ALL DRAWINGS AND CALCULATIONS, INCLUDING BUT NOT LIMITED TO, SHALL BE THE RESPONSIBILITY OF THE ENGINEER. THE ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO HIM BY THE CLIENT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO HIM BY THE CLIENT. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO HIM BY THE CLIENT.

ACT NUMBER 287 OF 1974 AS AMENDED BY ACT 181 OF 2006	UTILITY USER LIST
AQUA PENNSYLVANIA, INC. 2000 PENNSYLVANIA AVENUE PHILADELPHIA, PA 19103 TEL: 215-580-1000 RESPONSE: CLEAR - NO FACILITIES	PECO ENERGY 1000 PENNSYLVANIA AVENUE PHILADELPHIA, PA 19106 TEL: 215-580-1000 RESPONSE: CLEAR - NO FACILITIES
BLACKIE PARTNERS PO BOX 348 PHILADELPHIA, PA 19107 TEL: 215-580-1000 RESPONSE: CLEAR - NO FACILITIES	PHOENIXVILLE BOROUGH 1000 PENNSYLVANIA AVENUE PHILADELPHIA, PA 19106 TEL: 215-580-1000 RESPONSE: CLEAR - NO FACILITIES
VENZON PENNSYLVANIA, INC. 900 RACE ST. 6TH FLOOR PHILADELPHIA, PA 19107 TEL: 215-580-1000 RESPONSE: CLEAR - NO FACILITIES	CONCAST CABLE COMMUNICATIONS, INC. 1000 PENNSYLVANIA AVENUE PHILADELPHIA, PA 19106 TEL: 215-580-1000 RESPONSE: CLEAR - NO FACILITIES

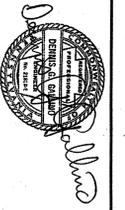


LOCATION MAP
SCALE: 1"=1000'

OWNER AND CO-APPLICANT:
FRIENDSHIP FIRE COMPANY
423 W. HIGH STREET
PHOENIXVILLE, PA 19460
PHONE # - (610)-933-3721

EQUITABLE OWNER AND CO-APPLICANT:
PHOENIXVILLE BOROUGH
140 CHURCH STREET
PHOENIXVILLE, PA 19460

SITE ADDRESS:
FRANKLIN AVENUE AND FILLMORE STREET
PHOENIXVILLE, PA 19460

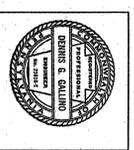


I HEREBY CERTIFY THAT THE BOROUGH OF PHOENIXVILLE PLANNING COMMISSION REVIEWED THIS PLAN AND ISSUED ITS COMMENTS TO BOROUGH CODES, PER TO CONTACTS APPROVED BY RESOLUTION 2002-06, WHICH APPROVED THE PLAN AS A FINAL PLAN SUBMITTAL TO THE BOROUGH'S SUBDIVISION AND LAND DEVELOPMENT DEPARTMENT. AND THAT THE BOROUGH OF PHOENIXVILLE PLANNING COMMISSION HAS REVIEWED THIS PLAN FOR RECORDS.



THIS PLAN ON AN EARLIER VERSION HERETO WAS REVIEWED BY THE CHESTER COUNTY PLANNING COMMISSION ON 10-11-07.

PHOENIXVILLE BOROUGH ENGINEER:
I, Robert J. DeBenedetto, a duly licensed Professional Engineer, State of Pennsylvania, No. 117822, do hereby certify that I have reviewed the plans and specifications for the subdivision and land development shown hereon and that they conform with all applicable regulations and standards of the Borough of Phoenixville, Pennsylvania, and that I have determined that it has been amended as required by Resolution 2002-06, and that based on the information provided by the applicant and any other sources, I have determined that the plan complies with the Borough Subdivision and Land Development Ordinance.



PHOENIXVILLE BOROUGH ENGINEER:
I, Robert J. DeBenedetto, a duly licensed Professional Engineer, State of Pennsylvania, No. 117822, do hereby certify that I have reviewed the plans and specifications for the subdivision and land development shown hereon and that they conform with all applicable regulations and standards of the Borough of Phoenixville, Pennsylvania, and that I have determined that it has been amended as required by Resolution 2002-06, and that based on the information provided by the applicant and any other sources, I have determined that the plan complies with the Borough Subdivision and Land Development Ordinance.

COVER SHEET
FRIENDSHIP FIRE STATION
PHOENIXVILLE RECREATIONAL FIELDS
UPN NOS: 15-5-20, 15-5-37, 15-5-41 & 15-5-42
PENNSYLVANIA

412 CREAMERY WAY
SUITE 100
PHOENIXVILLE, PA 19341
TEL: (610) 594-3500
FAX: (610) 594-3503

BOROUGH STANDARD NOTES

- 1. THE BIRTH OF THESE PLANS TO CONSTRUCT A NEW HOME AND RECREATIONAL FACILITY TO SERVE THE BOROHO...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
3. ALL PERMITS REQUIRED FOR THE CONSTRUCTION OF THE FACILITY SHALL BE OBTAINED FROM THE BOROHO ENGINEER...
4. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
5. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...

SOILS DATA

Table with 4 columns: PARKING REQUIREMENTS #1, PARKING REQUIREMENTS #2, PARKING REQUIREMENTS #3, PARKING REQUIREMENTS #4. Rows include 100 TOTAL CAPACITY (1 PER 5 PERSONS), 7 FIRE TRUCKS (2 PER FIRE TRUCK), 195 9800 S.F. OF FLOOR AREA (1 PER 100 S.F. OF TOTAL FLOOR AREA OF BLDG.), etc.

GENERAL NOTES

- 1. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
3. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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5. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...

DEMOLITION NOTES

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ALL REGULATIONS...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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WATER LINE NOTES

- 1. ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
3. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
4. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
5. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...

ZONING DATA

Table with 4 columns: DISTRICT CLASSIFICATION, ZONING DISTRICT, PERMITTED USES, and other zoning-related information.

RECYCLING AND DISPOSAL METHODS

EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE RECYCLED, SHIPPED, RECYCLED, OR OTHERWISE MANAGED AS SOLID WASTE...
THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...

SANITARY SEWER NOTES

- 1. ALL SANITARY SEWER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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UTILITY NOTES

- 1. ALL UTILITIES SHALL BE LOCATED AND DEPTH SHALL BE AS SHOWN ON THE PLANS...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
3. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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SURVEY NOTES

- 1. BOUNDARY SURVEY SHALL BE PERFORMED BY A LICENSED SURVEYOR...
2. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
3. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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SITE STATISTICS

- 1. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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PROPOSED VARIANCES, WAIVERS & CONDITIONAL USE LISTINGS

- 1. THE BOROHO ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FACILITY...
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Table with 4 columns: REVISION, DATE, and other revision-related information.

Table with 4 columns: PARKING REQUIREMENTS #1, PARKING REQUIREMENTS #2, PARKING REQUIREMENTS #3, PARKING REQUIREMENTS #4. Rows include 100 TOTAL CAPACITY (1 PER 5 PERSONS), 7 FIRE TRUCKS (2 PER FIRE TRUCK), etc.

Table with 4 columns: PARKING REQUIREMENTS #1, PARKING REQUIREMENTS #2, PARKING REQUIREMENTS #3, PARKING REQUIREMENTS #4. Rows include 100 TOTAL CAPACITY (1 PER 5 PERSONS), 7 FIRE TRUCKS (2 PER FIRE TRUCK), etc.

Table with 4 columns: PARKING REQUIREMENTS #1, PARKING REQUIREMENTS #2, PARKING REQUIREMENTS #3, PARKING REQUIREMENTS #4. Rows include 100 TOTAL CAPACITY (1 PER 5 PERSONS), 7 FIRE TRUCKS (2 PER FIRE TRUCK), etc.

CMX logo and contact information for Phoenixville Recreational Fields, including address, phone, and website.

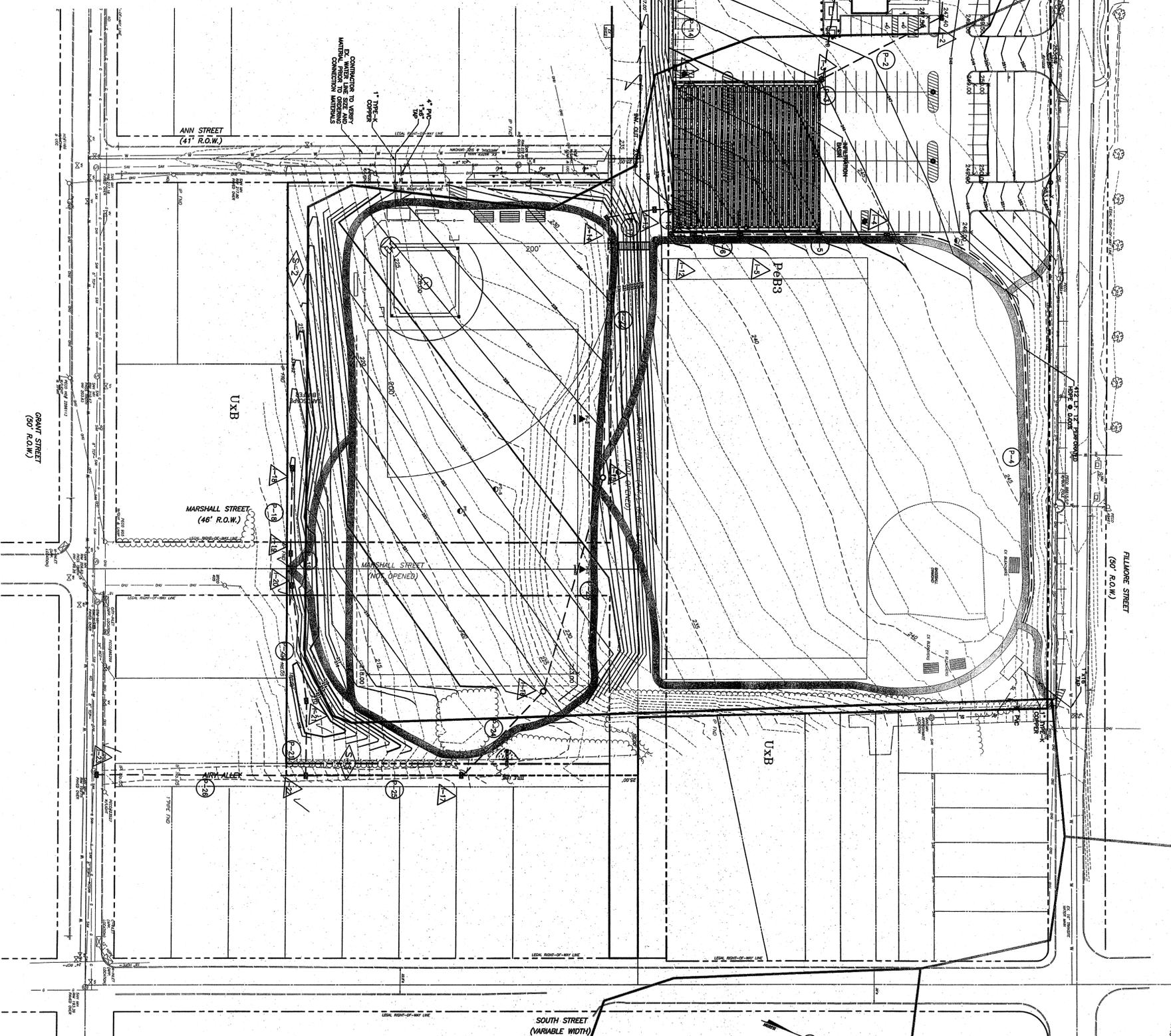
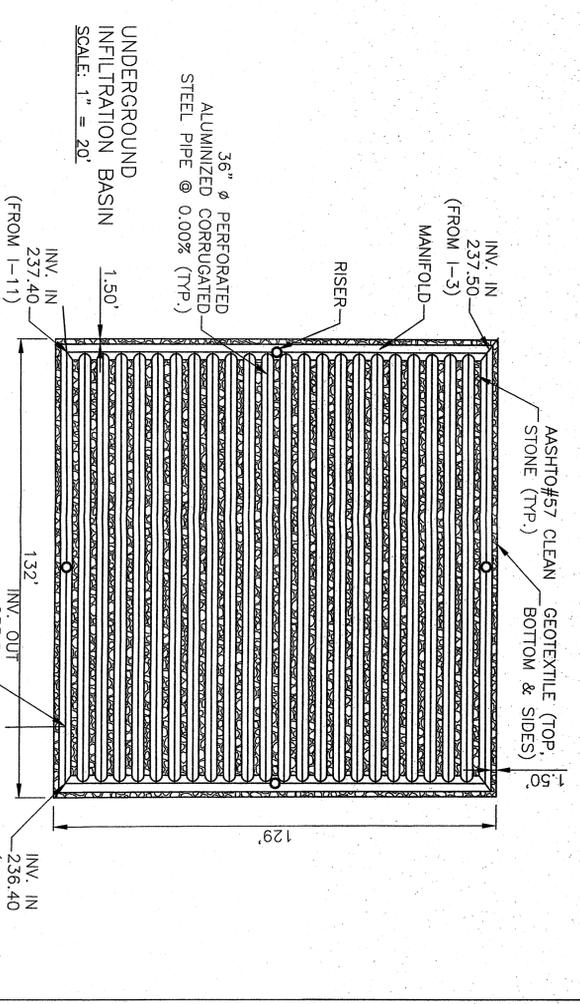
GENERAL INFORMATION SHEET FRIENDSHIP FIRE STATION PHOENIXVILLE RECREATIONAL FIELDS, including UPI NOs, dates, and location details.

GRADING AND UTILITY LEGEND

- STORM PIPE NUMBER
- STORM PIPE
- STORM STRUCTURE NUMBER
- TYPE 'C' OR TYPE 'W' INLET
- MANHOLE/ACCESS COVER
- SANITARY PIPE
- CLEAN OUT
- WATER MAIN
- WATER VALVE
- FIRE HYDRANT
- 5' CONTOUR
- 1' CONTOUR
- SPOT ELEVATION
- PERMANENT SCALE NUMBER

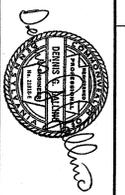
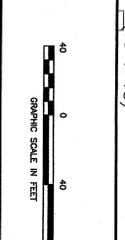
LINE ID	LENGTH (L)	SLOPE (%)	SIZE (IN)	MATERIAL
P-1	147	0.54	15	HPIPE
P-2	119	1.3	18	HPIPE
P-3	5	0	18	HPIPE
P-4	412	0	12	PERF. HPIPE
P-5	124	2.5	15	HPIPE
P-6	56	2.68	15	HPIPE
P-7	5	0	15	HPIPE
P-8	45	0.58	12	HPIPE
P-9	102	3.03	12 1/2	FRENCH DRAIN
P-10	115	0.97	15	HPIPE
P-11	112	0.53	12	HPIPE
P-12	118	0.5	12	HPIPE
P-13	73	0.62	18	HPIPE
P-14	13	0	18	HPIPE
P-15	18	2.78	12	HPIPE
P-16	40	2.0	12	HPIPE
P-17	70	0.71	15	HPIPE
P-18	23	0.87	15	HPIPE
P-19	98	1.43	15	HPIPE
P-20	60	3.33	18	HPIPE
P-21	220	1.5	15	HPIPE
P-22	190	2.42	15	HPIPE
P-23	100	1.8	15	HPIPE
P-24	134	9.29	18	HPIPE
P-25	180	4.33	24	HPIPE

INLET ID	STRUCTURE	COVER	TOP OF GRATE (FT)	INV. INLET (FT)	INV. OUT. ELE. (FT)	SWIM. ELE. (FT)
I-1	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	245.8	243.8	242.8	
I-2	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247.4	245	242.4	
I-3	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	246	240.9	237.5	
I-4	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	245.8	242.8	241.1	
I-5	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	242	239	237	
I-6	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247.25	244.5	243.75	
I-7	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247	244.5	243.75	
I-8	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	242.8	239	237	
I-9	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247.25	244.5	243.75	
I-10	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247	244.5	243.75	
I-11	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247	244.5	243.75	
I-12	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	247.4	244.5	243.75	
I-13	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	239.9	235	233	
I-14	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	239.9	235	233	
I-15	STD. MANHOLE	SOLID COVER	225.8	222.8	221.5	
I-16	STD. MANHOLE	SOLID COVER	221.9	217.8	216.8	
I-17	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	220	215.9	214.9	
I-18	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	211.75	208.5	207.5	
I-19	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	211.5	208	207.4	
I-20	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	209	205	204	
I-21	STD. INLET BOX	TYPE M BICYCLE SAFE GRATE	209	205	204	
I-22	STD. INLET TYPE-1 BOX	TYPE M BICYCLE SAFE GRATE	202.5	202.5	201.9	
I-23	STD. INLET TYPE-1 BOX	TYPE M BICYCLE SAFE GRATE	199.75	199.75	199.75	



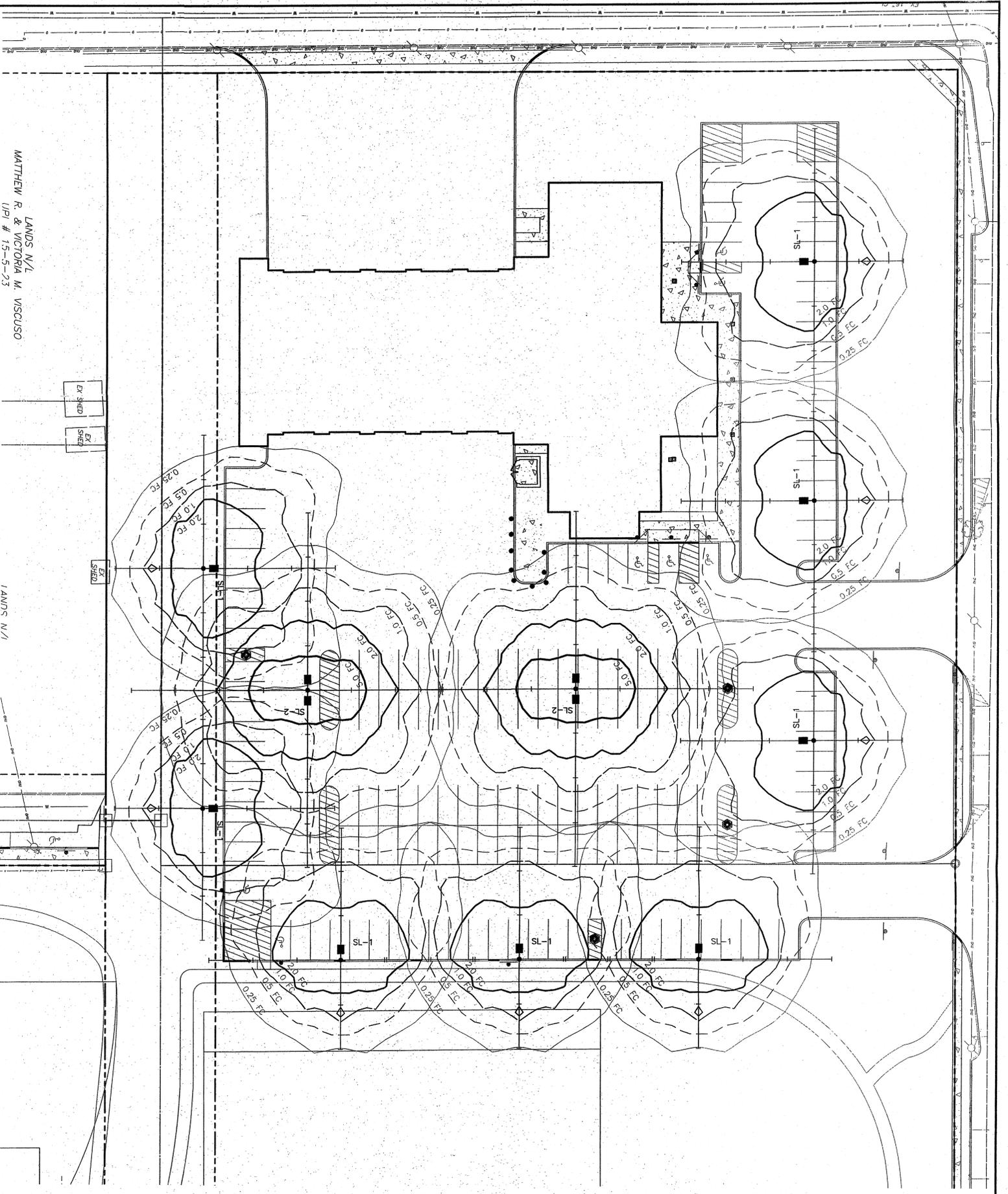
- 1 10/23/07 EXISTING DESIGN EXHIBIT
- 2 10/23/07 EXISTING DESIGN EXHIBIT
- 3 07/25/08 SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
- 4 07/25/08 REVISION SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
- 5 03/26/08 INCORPORATED COCD'S 3/20/08 REVIEW COMMENTS
- 6 03/26/08 MINOR REVISIONS FOR PLAN RECORDING PURPOSES

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412 CREAMERY WAY
SUITE 100
PHOENIX, AZ 85001
TEL (602) 954-3500
FAX (602) 954-3503

GRADING, DRAINAGE AND UTILITY PLAN
FRIENDSHIP FIRE STATION
PHOENIXVILLE RECREATIONAL FIELDS
UP# NOS. 15-5-20, 15-5-37, 15-5-41 & 15-5-42
PHOENIXVILLE BOROUGH
CHESTER COUNTY
PENNSYLVANIA

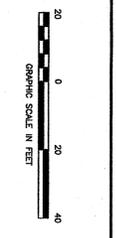


LANDS N/1
MATTHEW R. & VICTORIA M. VISCUSO
UP# 15-5-23

LANDS N/1

NO.	DATE	REVISION
1	10/23/07	ZONING HEARING EXHIBIT
2	12/12/07	SECOND PLANNING COMMISSION REVIEW
3	07/20/08	SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
4	03/28/08	INCORPORATED COO S. 7/20/08 REVIEW COMMENTS
5	03/09/08	MINOR REVISIONS FOR PLAN RECORDING PURPOSES

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412 CREMERY WAY
EXTON, PA 19341
TEL (610)594-3500
FAX (610)594-3503

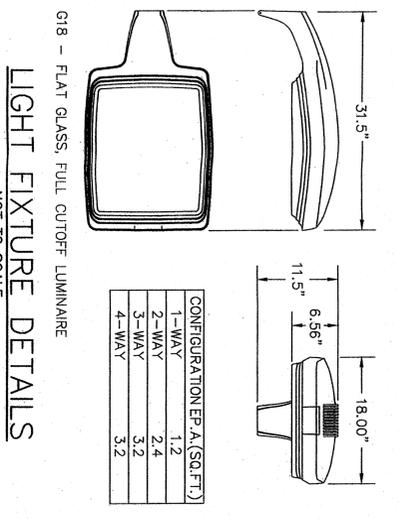
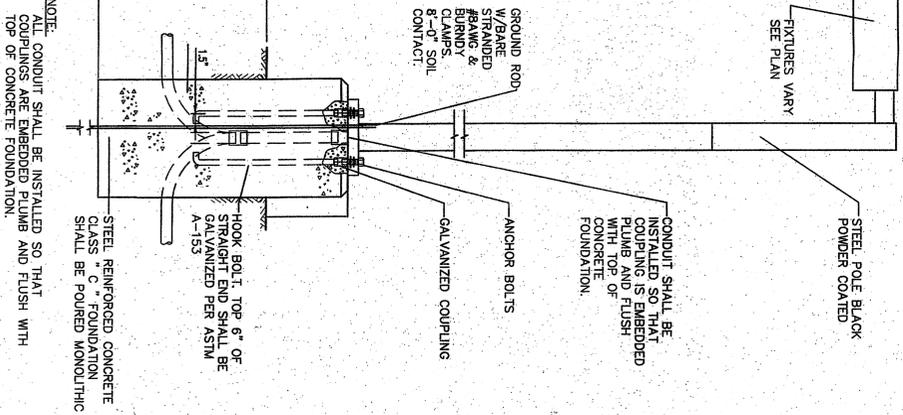
**FRIENDSHIP FIRE STATION
PHOENIXVILLE RECREATIONAL FIELDS**
UP# NOS. 15-5-20, 15-5-37, 15-5-41 & 15-5-42
PHOENIXVILLE BOROUGH
CHESTER COUNTY
PENNSYLVANIA

PROJECT NO. 0803489
DATE 10/9/2007
DESIGNED BY CMX
CHECKED BY DCS
DATE 11/1/07
SCALE 1" = 20'
SHEET NO. 8 OF 14

LUMINAIRE SCHEDULE

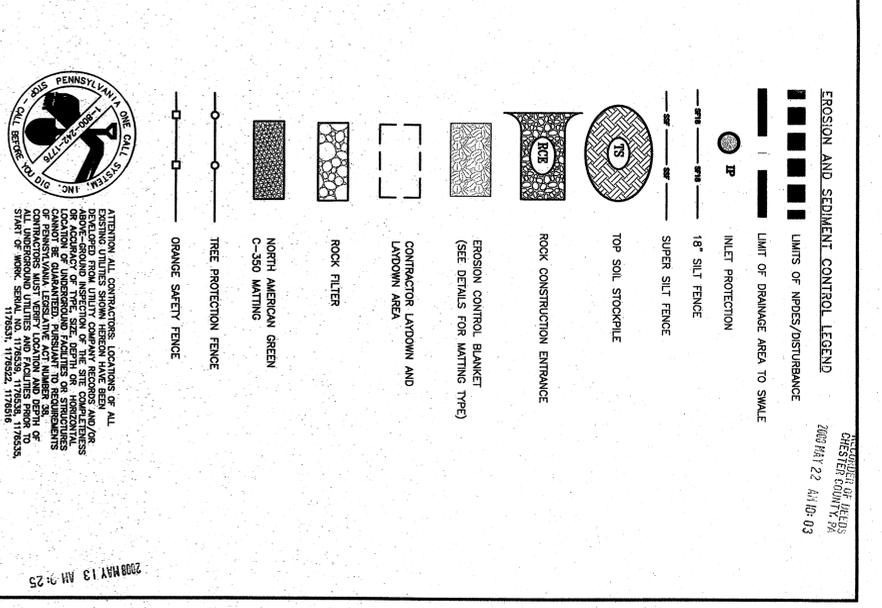
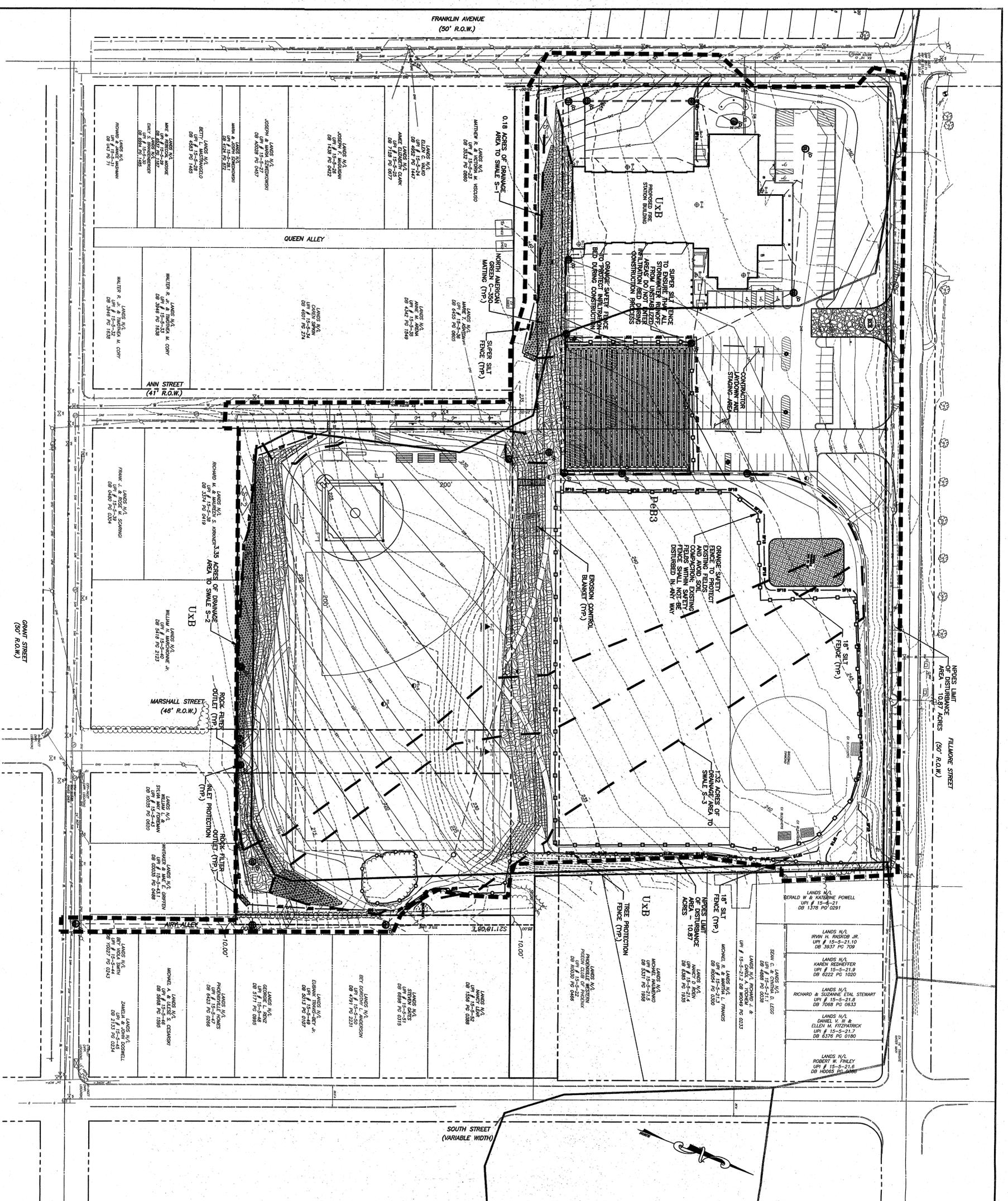
SYMBOL	QTY	LABEL	ARRANGEMENT	LUMENS	LF	DESCRIPTION
■	8	SL-1	SINGLE	23000	0.700	GARDOO GULLING G18-2-3XL-250MH @ 20' HGT
■	2	SL-2	BACK-BACK	23000	0.700	GARDOO GULLING G18-2-4XL-250MH @ 20' HGT

LIGHT POLE DETAIL
NOT TO SCALE



CONFIGURATION EP-A (SQ.F.T.)

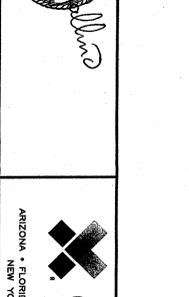
1-WAY	1.2
2-WAY	2.4
3-WAY	3.2
4-WAY	3.2



- GENERAL EROSION AND SEDIMENT CONTROL PROCEDURES**
1. EROSION AND SEDIMENT CONTROL (ESC) MUST BE CONSTRUCTED, MAINTAINED, AND FUNCTIONAL BEFORE GENERAL SITEWORK AND SITE PREPARATION BEGINS. ESC MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED ONLY AFTER THE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
 2. THE CONTRACTOR / PERMITTEE SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL ESC MEASURES. ESC MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED ONLY AFTER THE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
 3. ESC MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED ESC PLAN AND THE APPROVED ESC SPECIFICATIONS. ESC MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED ESC PLAN AND THE APPROVED ESC SPECIFICATIONS.
 4. ESC MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED ESC PLAN AND THE APPROVED ESC SPECIFICATIONS. ESC MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED ESC PLAN AND THE APPROVED ESC SPECIFICATIONS.
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- MAINTENANCE OF EROSION CONTROL STRUCTURES**
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONSTRUCTION, STABILIZATION AND MAINTENANCE OF ALL ESC MEASURES. ESC MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED ESC PLAN AND THE APPROVED ESC SPECIFICATIONS.
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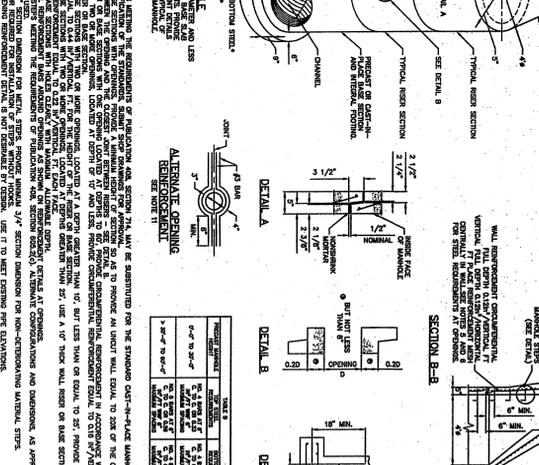
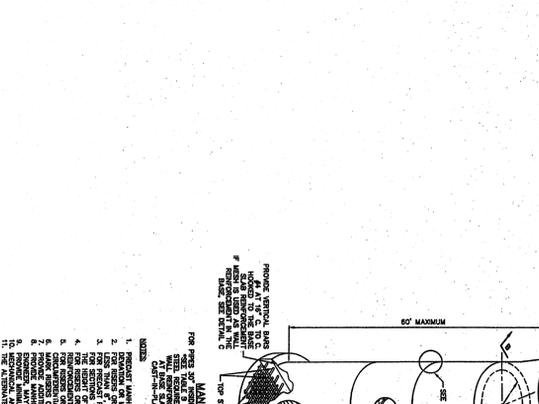
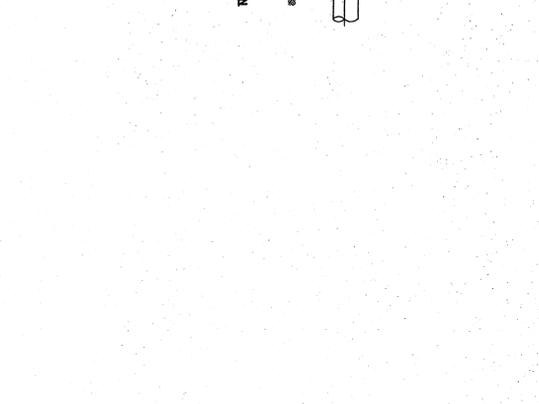
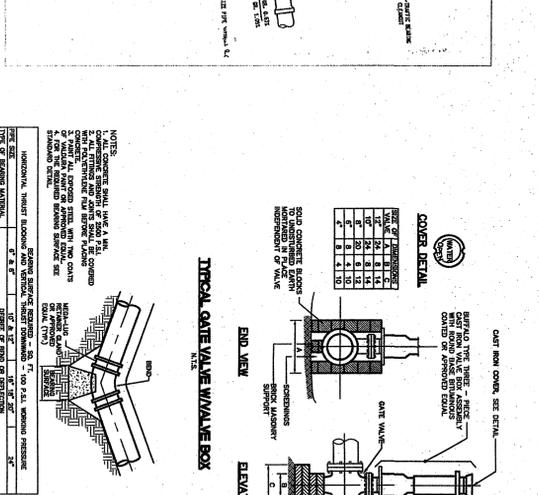
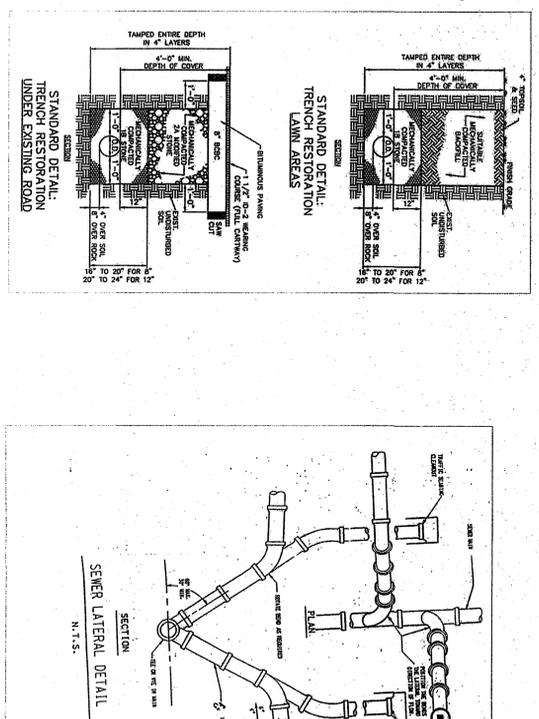
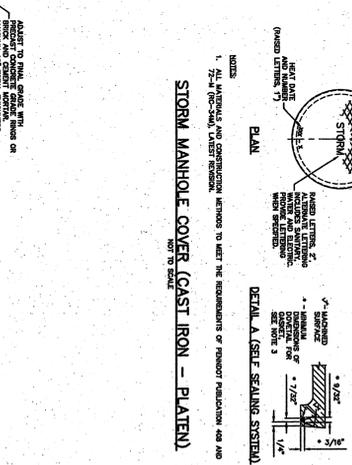
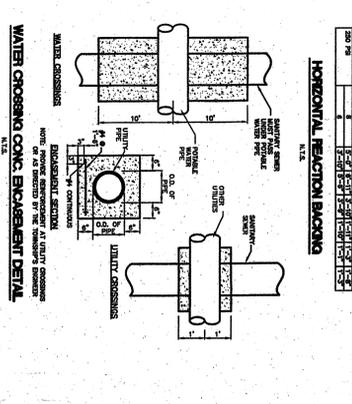
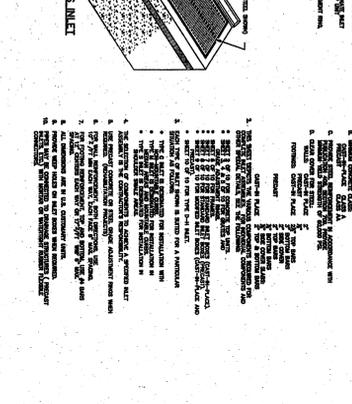
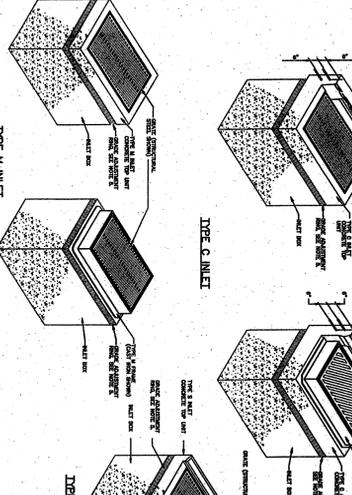
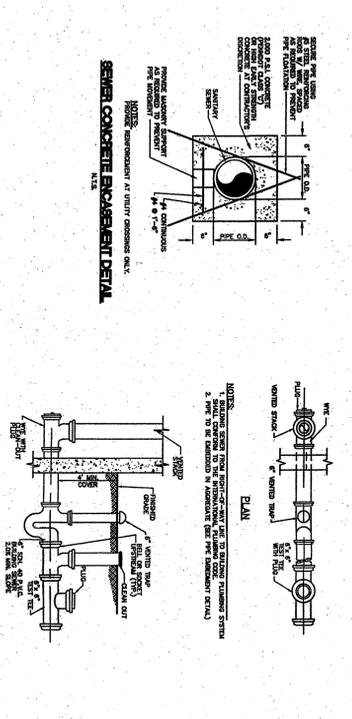
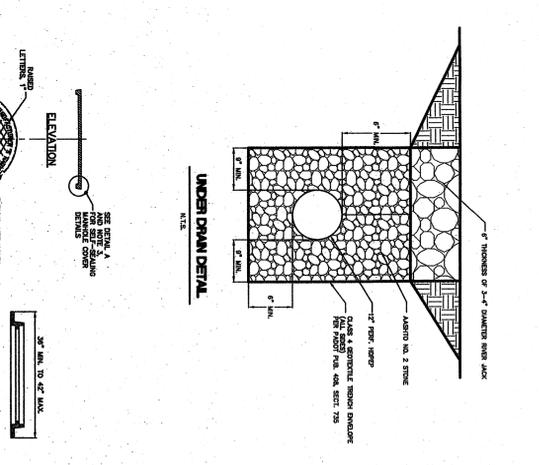
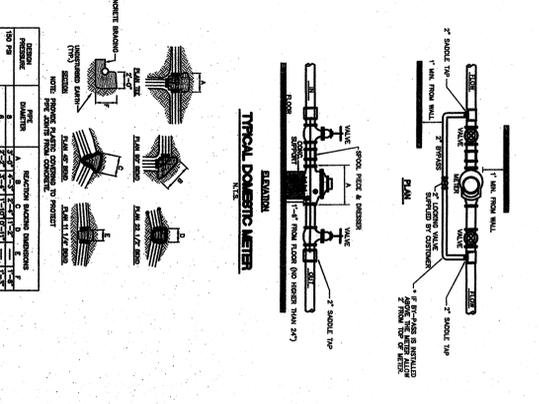
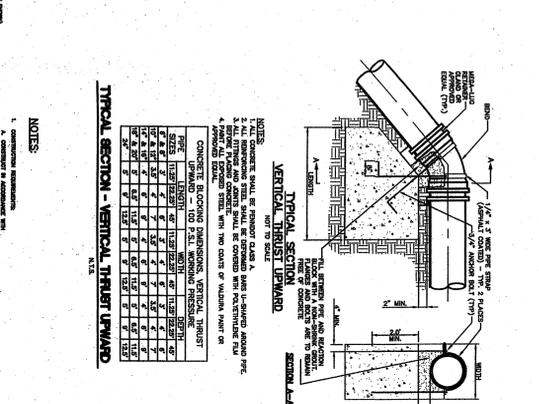
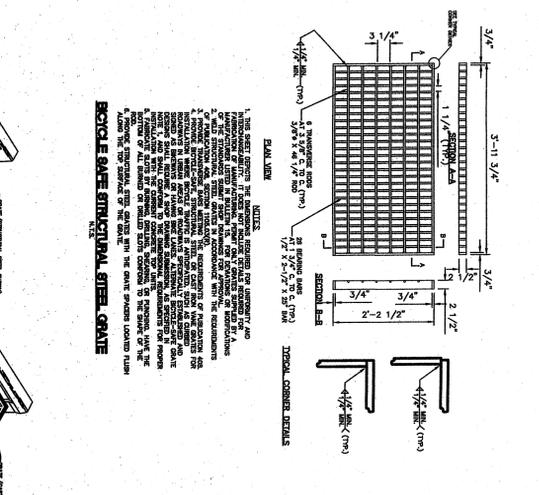
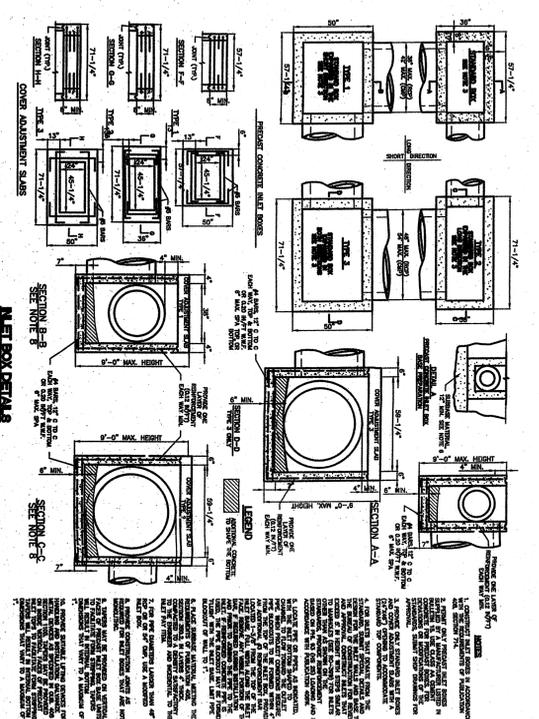
NO.	DATE	REVISION
1	10/23/07	ISSUE FOR PERMITTING
2	12/13/07	SECOND PLANNING COMMISSION REVIEW
3	01/29/08	SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
4	02/12/08	REVISION SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
5	03/05/08	FINAL REVISIONS FOR PLAN RECORDING PURPOSES

NOTICE: THE PERMITTEE HAS REVIEWED AND APPROVED THIS PLAN AND THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF. THE PERMITTEE HAS REVIEWED AND APPROVED THIS PLAN AND THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.



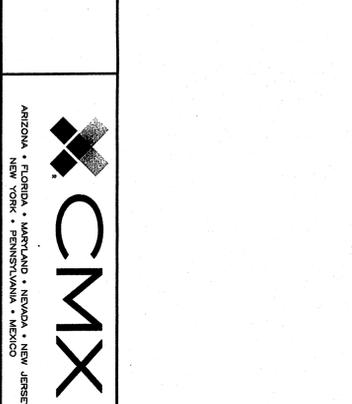
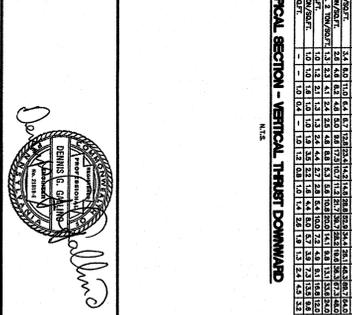
1125 OCCASNEY WAY
 SUITE 100
 EXTON, PA 19341
 TEL (610) 594-3500
 FAX (610) 594-3503

EROSION AND SEDIMENTATION CONTROL PLAN
FRIENDSHIP FIRE STATION
PHOENIXVILLE RECREATIONAL FIELDS
 UPR NOS. 15-5-20, 15-5-37, 15-5-41 & 15-5-42
 CHESTER COUNTY
 PENNSYLVANIA



NO.	DATE	DESCRIPTION
1	10/23/07	ZONING HEARING EXHIBIT
2	07/12/08	SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
3	07/12/08	SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
4	07/12/08	REVISION SUBMISSION TO CHESTER COUNTY CONSERVATION DISTRICT
5	07/28/08	INCORPORATED COCD'S 3/20/08 REVIEW COMMENTS
6	05/09/08	MINOR REVISIONS FOR PLAN RECORDING PURPOSES

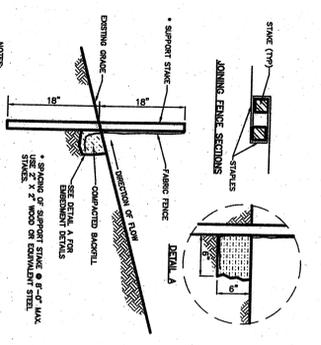
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 THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF CMX AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED ON THIS DRAWING. ANY OTHER USE, REPRODUCTION, OR TRANSMISSION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF CMX IS STRICTLY PROHIBITED.



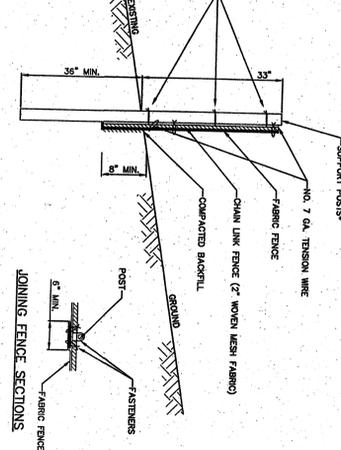
412 CREAMERY WAY
 SUITE 100-10341
 EXTON, PA 17315
 TEL (610) 994-3500
 FAX (610) 994-3503

STORMWATER, SANITARY AND WATER DETAILS
FRIENDSHIP FIRE STATION
PHOENIXVILLE RECREATIONAL FIELDS
 UPI NOS. 15-5-20, 15-5-37, 15-5-41 & 15-5-42
 CHESTER COUNTY
 PENNSYLVANIA

NO.	DATE	DESCRIPTION
1	11/14/07	ISSUED FOR RECORD

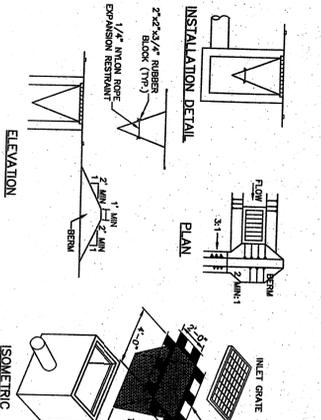


FLITER FABRIC SLIT FENCE
 N.T.S.



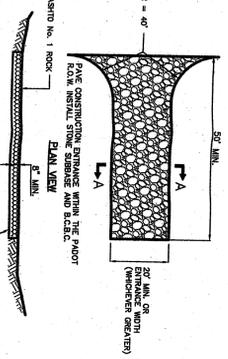
- NOTES:**
1. POSTS SPACED @ 10' MAX. USE 2" DIA. GALVANIZED OR ALUMINUM POSTS.
 2. CHAIN LINK TO POST FABRIC SHOULD BE STAPLED TO TENSION WIRE FABRIC SHOULD BE 6" MAX. USE NO. 10 GALVANIZED OR ALUMINUM WIRE.
 3. FABRIC SHOULD BE INSTALLED HORIZONTALLY AT TOP AND BOTTOM OF CHAIN LINK.
 4. FLITER FABRIC SHOULD BE INSTALLED HORIZONTALLY AT TOP AND BOTTOM OF CHAIN LINK.
 5. ENDING AT LEAST 18" FROM EDGE OF ROADWAY.
 6. REVERSE SIDE FABRIC AS SHOWN IN PLAN SHOULD BE REMOVED.

SUPER FLITER FABRIC SLIT FENCE
 N.T.S.



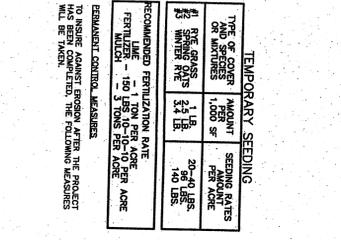
- NOTES:**
1. MAXIMUM DRAINAGE AREA = 1/2 ACRE.
 2. MINIMUM MUST BE REMOVED FROM STAKE WATER NET PROTECTION AFTER EACH RAINFALL EVENT F. INLETS.
 3. INLET PROTECTION IS NOT REQUIRED TO BE REMOVED FROM STAKE WATER NET PROTECTION FOR ROAD BEING REQUIRED FOR.
 4. INLET PROTECTION IS NOT REQUIRED FOR ROAD BEING REQUIRED FOR ROAD BEING REQUIRED FOR ROAD BEING REQUIRED FOR.
- DO NOT USE ON MAJOR PAVED ROADWAYS WHERE FLOODING MAY CAUSE TRAFFIC HAZARDS.

FLITER BAG NET PROTECTION FOR CHANNEL OR ROADSIDE SWALE
 N.T.S.

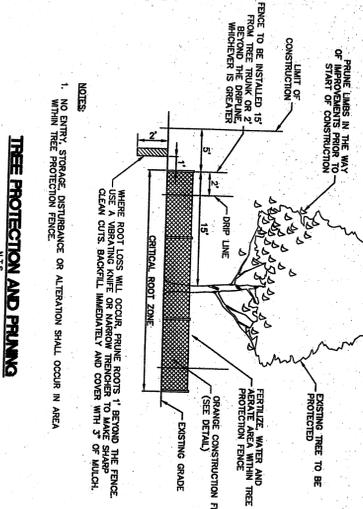


- CONSTRUCTION SPECIFICATIONS:**
1. STAKE SIZE USE ASTM #1 STAKE AS SHOWN IN SECTION A-A.
 2. LENGTH OF STAKE = 12'.
 3. WIDTH OF STAKE = 4" (MINIMUM) BUT NOT LESS THAN TOTAL WIDTH OF THE SWALE.
 4. WITH 2" MINIMUM BUT NOT LESS THAN TOTAL WIDTH OF THE SWALE.
 5. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 6. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 7. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 8. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 9. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 10. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 11. FABRIC SHALL BE 1/2" THICK AND 12' LONG.
 12. FABRIC SHALL BE 1/2" THICK AND 12' LONG.

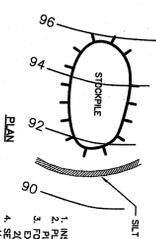
CONSTRUCTION ENTRANCE
 N.T.S.



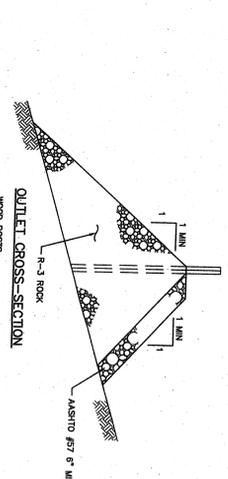
SEEDING SPECIFICATIONS
 N.T.S.



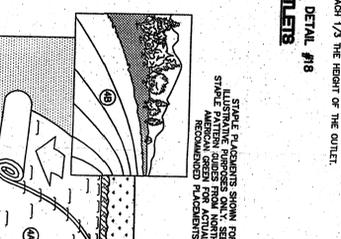
TOPSOIL STOCKPILE & MAINTENANCE DETAIL
 N.T.S.



- NOTES:**
1. INSTALL SILT FENCE DOWN-SLOPE OF AREA OF STOCKPILE.
 2. PLACE STOCKPILE IN AREA SHOWN ON EROSION CONTROL PLAN.
 3. FOLLOW DIMENSIONS SHOWN. STOCKPILE SHOULD NOT EXCEED 10' HIGH.
 4. STOCKPILE SHOULD BE COVERED WITH TOPSOIL OR MULCH.
 5. STOCKPILE SHOULD BE COVERED WITH TOPSOIL OR MULCH.
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 12. STOCKPILE SHOULD BE COVERED WITH TOPSOIL OR MULCH.



- STANDARD CONSTRUCTION DETAIL #18**
ROCK FLITER OULIETS
 N.T.S.
- SEGMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OULIET.

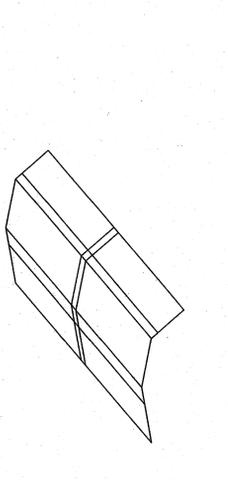


- NOTES:**
1. NORTH ARROW POINTS TO PROPOSED EQUAL.
 2. PREPARE SOIL BEFORE INSTALLATION AND SEED.
 3. SEED AT THE TOP OF THE TRENCH AND SEED.
 4. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.
 5. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.
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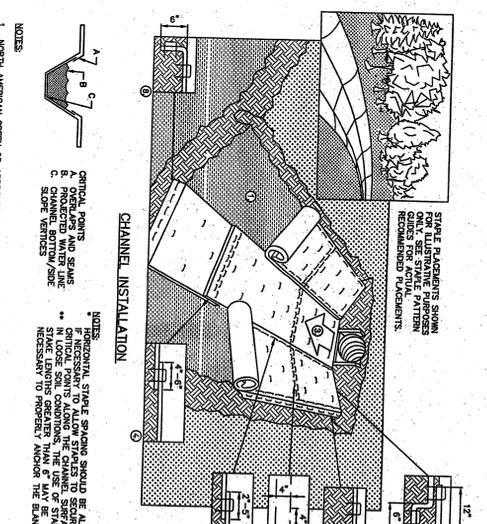
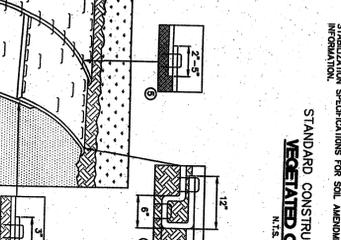
EMBANKMENT STABILIZATION/INSTALLATION GUIDELINES
 NOT TO SCALE



- NOTES:**
1. MAXIMUM DRAINAGE AREA = 1/2 ACRE.
 2. MINIMUM MUST BE REMOVED FROM STAKE WATER NET PROTECTION AFTER EACH RAINFALL EVENT F. INLETS.
 3. INLET PROTECTION IS NOT REQUIRED TO BE REMOVED FROM STAKE WATER NET PROTECTION FOR ROAD BEING REQUIRED FOR.
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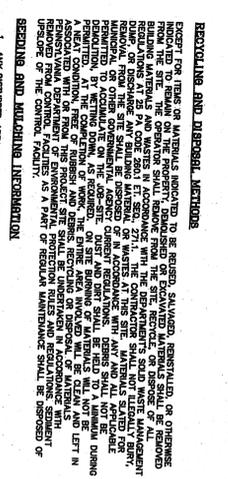


- STANDARD CONSTRUCTION DETAIL #19**
VEGETATED CHANNELS
 N.T.S.
1. ANY LANE/CONCRETE LANE INSTALLATION DETAIL FOR STABLE PATTERNS AND VEGETATION.

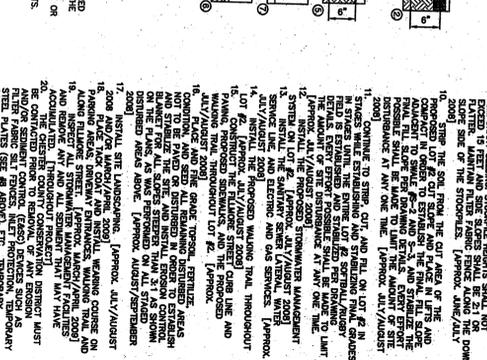
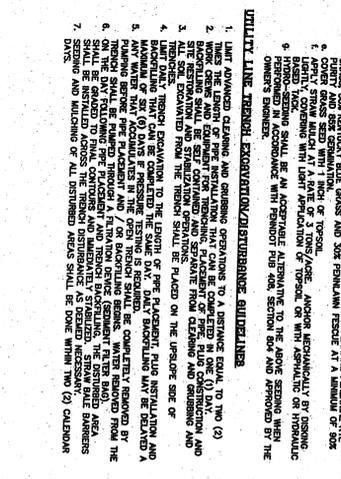


CHANNEL STABILIZATION/INSTALLATION GUIDELINES
 NOT TO SCALE

- NOTES:**
1. PREPARE CHANNEL BEFORE INSTALLATION AND SEED.
 2. SEED AT THE TOP OF THE TRENCH AND SEED.
 3. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.
 4. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.
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 12. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.



- REVEALING AND MAINTENANCE**
1. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED MUST BE STABILIZED IMMEDIATELY WITHIN 1 YEAR AFTER THE DISTURBANCE HAS CEASED.
 2. STABILIZATION OPERATIONS MUST BE COMPLETED WITHIN 1 YEAR AFTER THE DISTURBANCE HAS CEASED.
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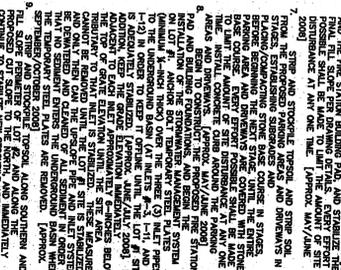


CHANNEL STABILIZATION/INSTALLATION GUIDELINES
 NOT TO SCALE

- NOTES:**
1. PREPARE CHANNEL BEFORE INSTALLATION AND SEED.
 2. SEED AT THE TOP OF THE TRENCH AND SEED.
 3. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.
 4. APPROXIMATELY 1/2" OF SEED SHOULD BE PLACED IN THE TRENCH WITH THE SEED.
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- CONSTRUCTION ENTRANCE**
1. ENTRANCE (ROCK) STABILIZE THE ROCK CONSTRUCTION.
 2. CONSTRUCTION SAFETY FENCE AND TRAFFIC TEMPORARY.
 3. CONSTRUCTION SAFETY FENCE AND TRAFFIC TEMPORARY.
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FRIENDSHIP FIRE STATION
PHOENIXVILLE RECREATIONAL FIELDS
 UPR NOS. 15-5-20, 15-5-37, 15-5-41 & 15-5-42
 CHESTER COUNTY
 PENNSYLVANIA

DATE: 10/9/2007
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]

PHOENIXVILLE BOROUGH

