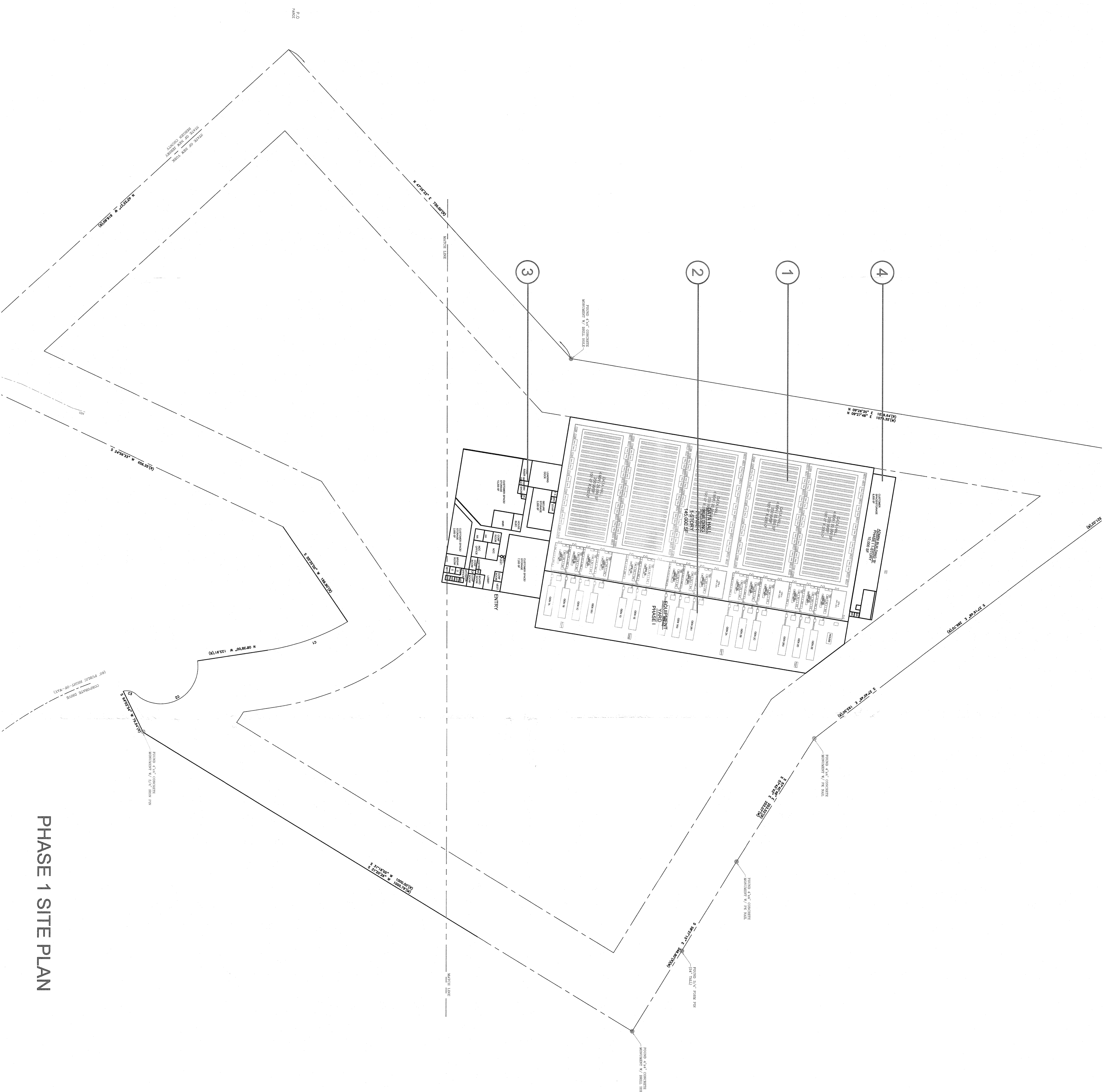




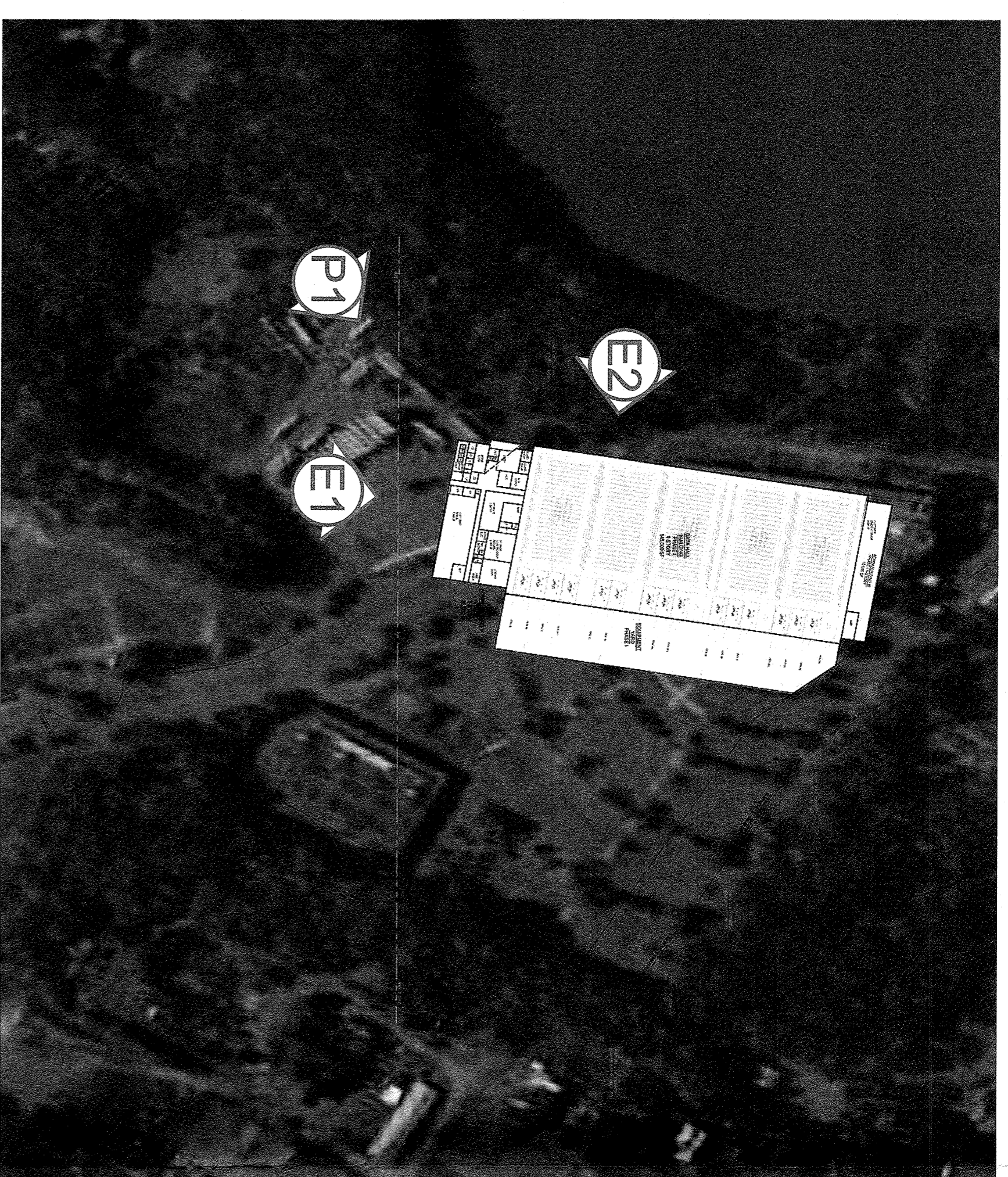
Architectural Scope Phase 1

Phase 1 consists of a single story, steel framed building that will house the north data halls, north equipment yard, central administration area, and north

- ① The north data halls will be contain (5) 4MW data halls at 20,000 sf (200 watts/sf) and required UPS rooms. The data halls will have a depressed slab with approximately 3'-0" raised accessed floor. The exterior shell will be constructed of precast concrete panels.
- ② The secured north equipment yard will contain generators and vista switches.
- ③ The central administration area will consist of a lobby entry area including conference rooms, security, NOC, restroom; loading dock area with storage; Databank office area including workstations, offices, copy room, and conference room; and building infrastructure including burn-in room, fire riser, electrical room, water room, and janitor closets; customer space, and storage. There will also be a stair and freight elevator to provide roof access. The building entry will be constructed of a glass curtain wall system and the remainder of the exterior shell will be constructed of composite metal panel system.
- ④ The north administration area will consist of an MMR room and additional customer and storage space. The exterior shell will be constructed of a glass curtain wall system and composite metal panel system.

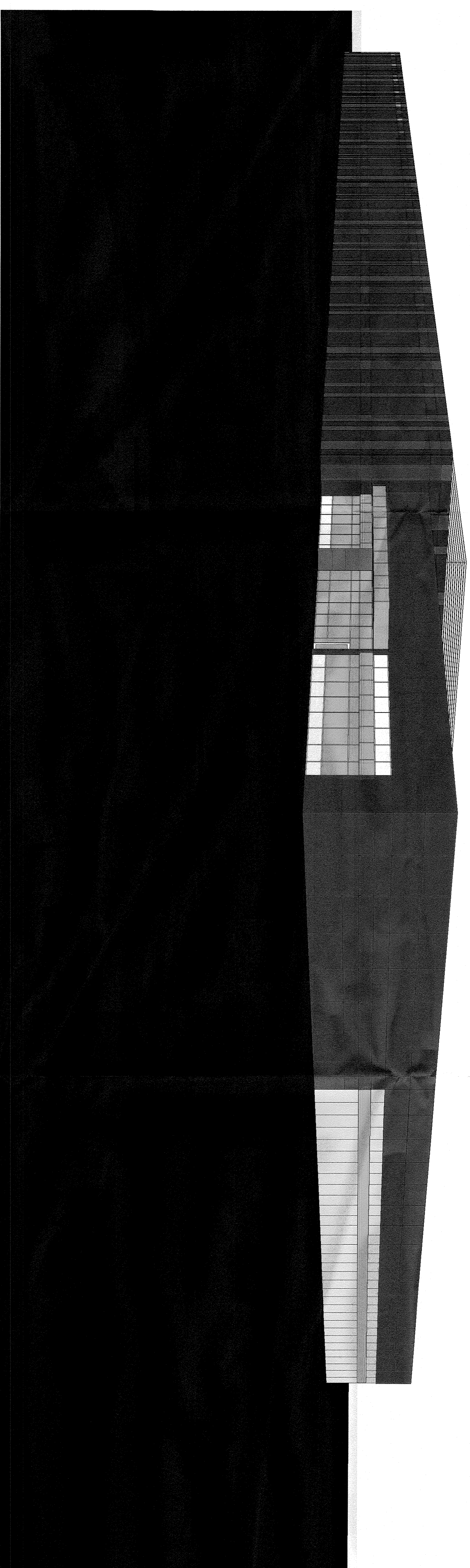


PHASE 1 SITE PLAN

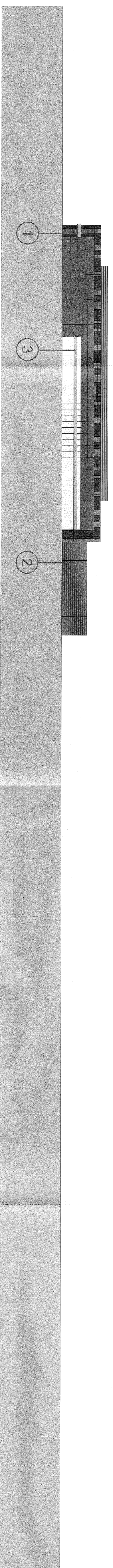


Phase 1

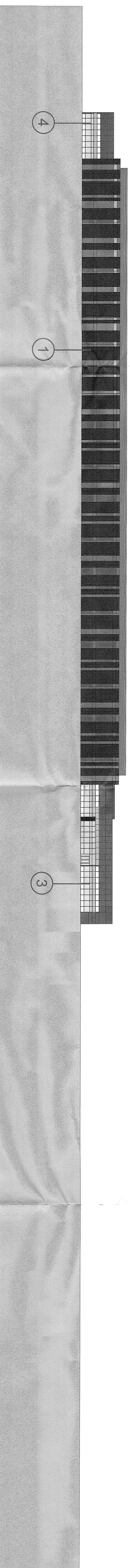
- ① North data halls
- ② North equipment yard
- ③ Central administration area
- ④ North administration area



P1 PHASE 1 SOUTHWEST PERSPECTIVE



E1 PHASE 1 SOUTH ELEVATION

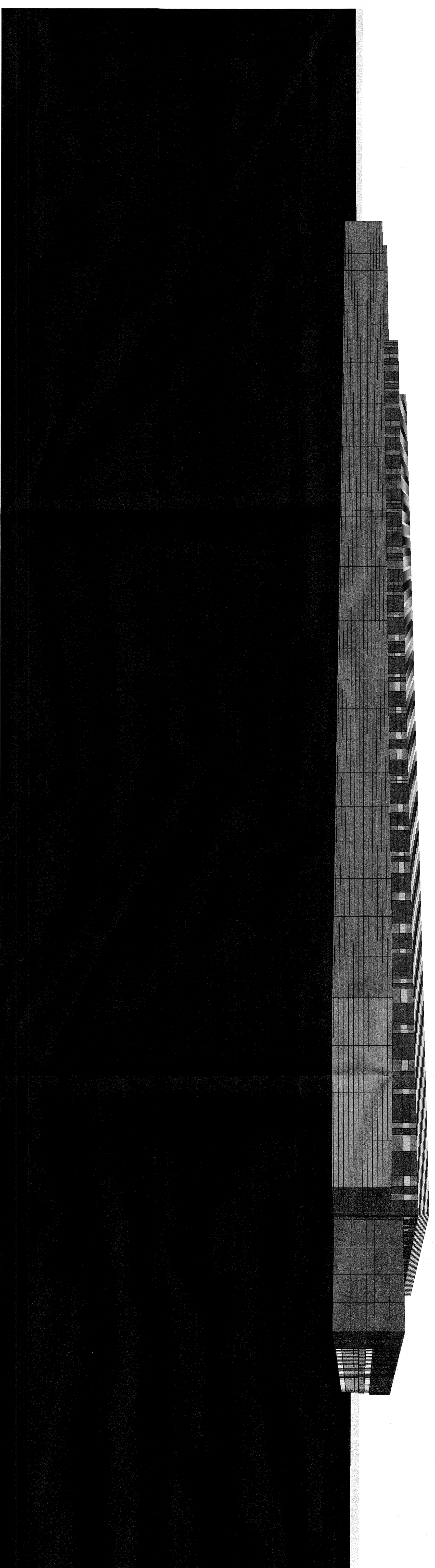


E2 PHASE 1 WEST ELEVATION

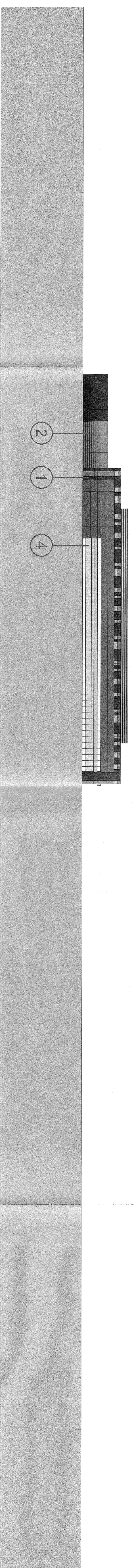


Phase 1

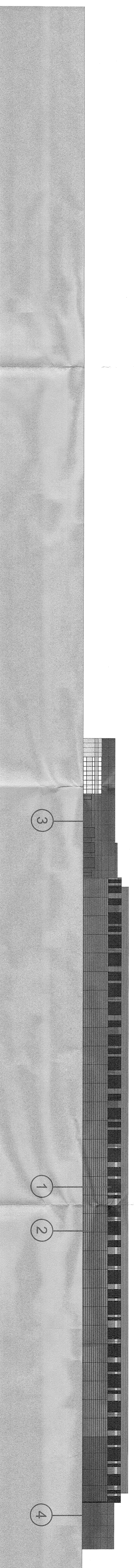
- ① North data halls
- ② North equipment yard
- ③ Central administration area
- ④ North administration area



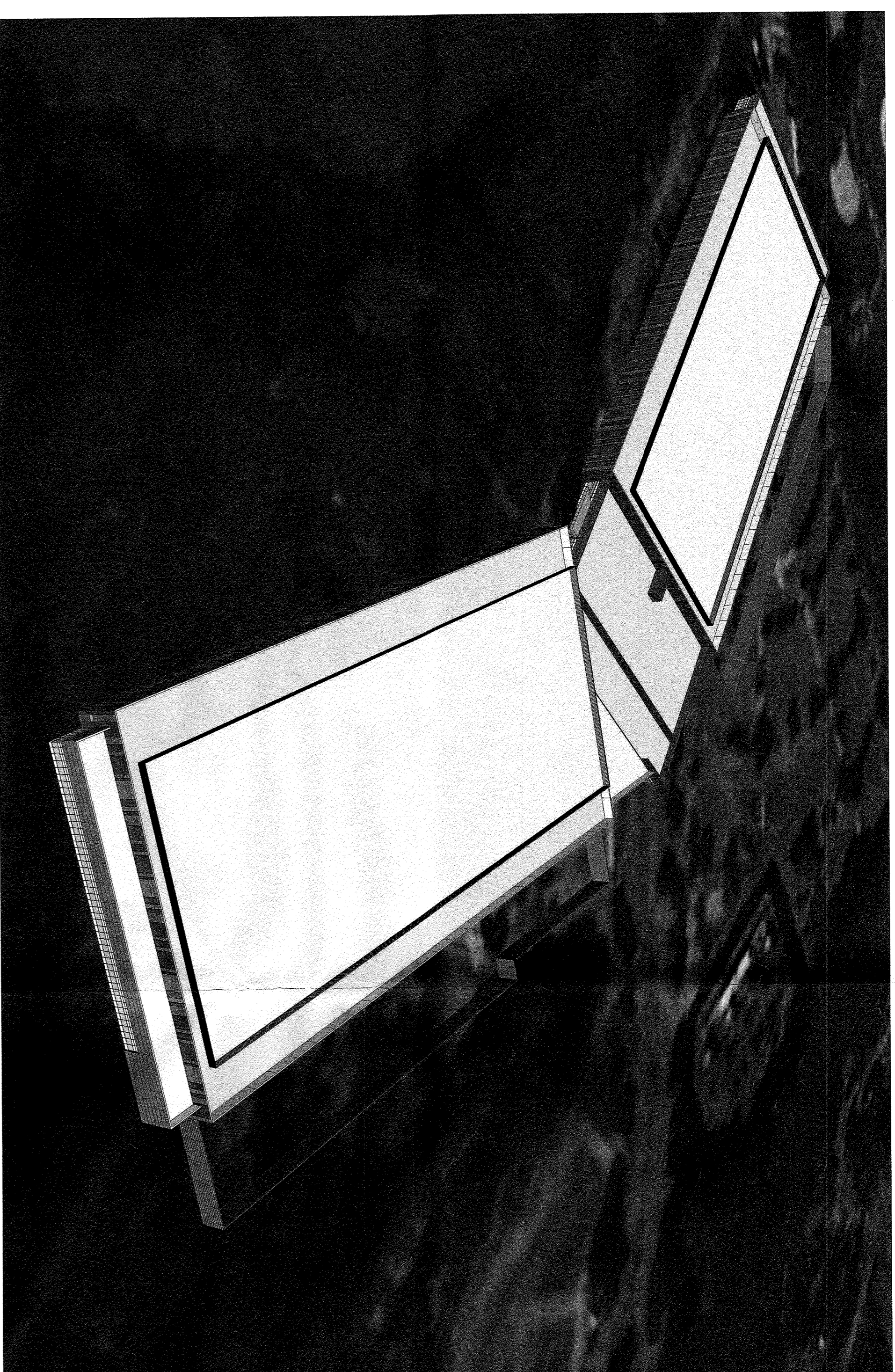
P1 PHASE 1 NORTHEAST PERSPECTIVE



E1 PHASE 1 NORTH ELEVATION



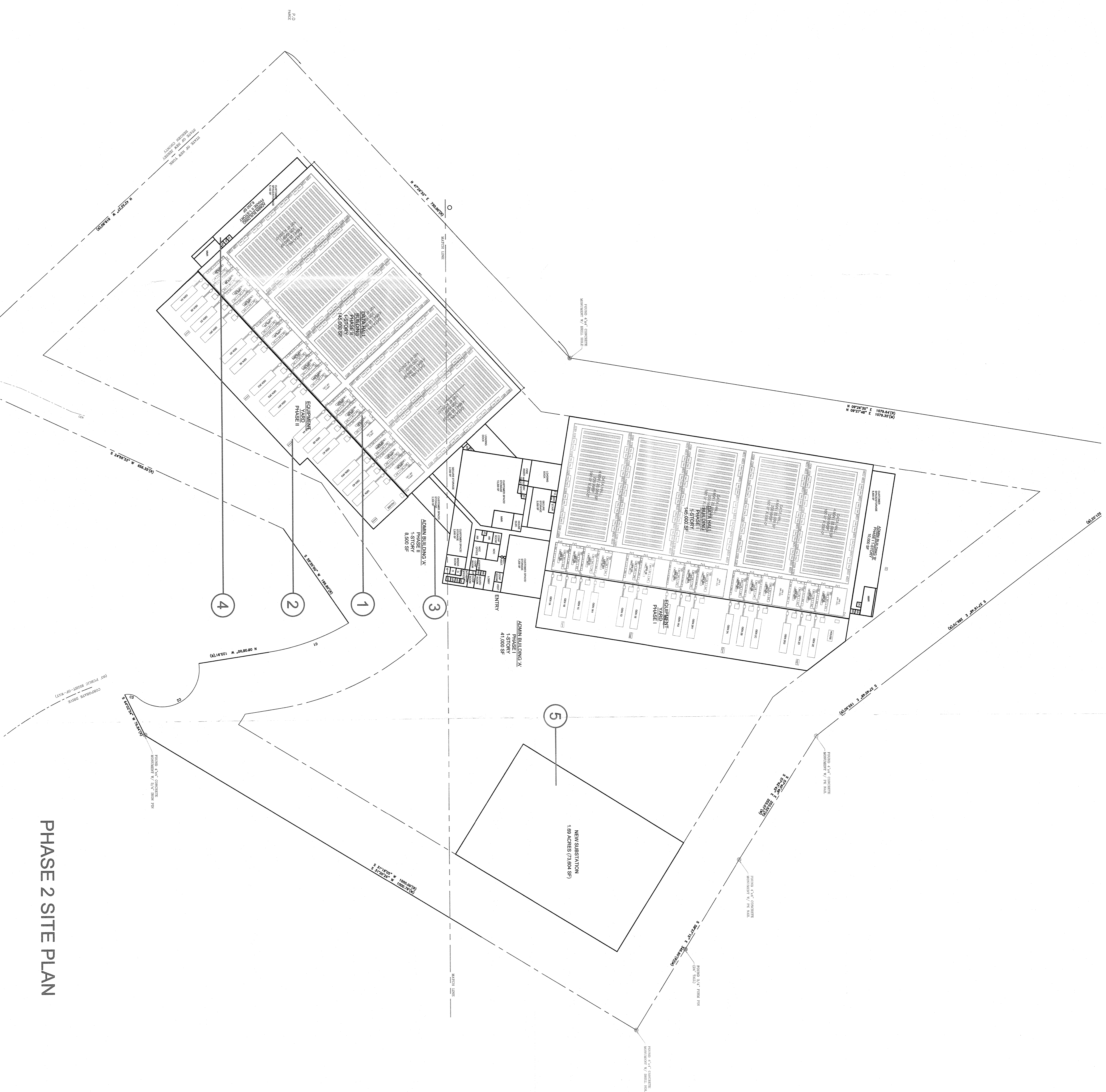
E2 PHASE 1 EAST ELEVATION



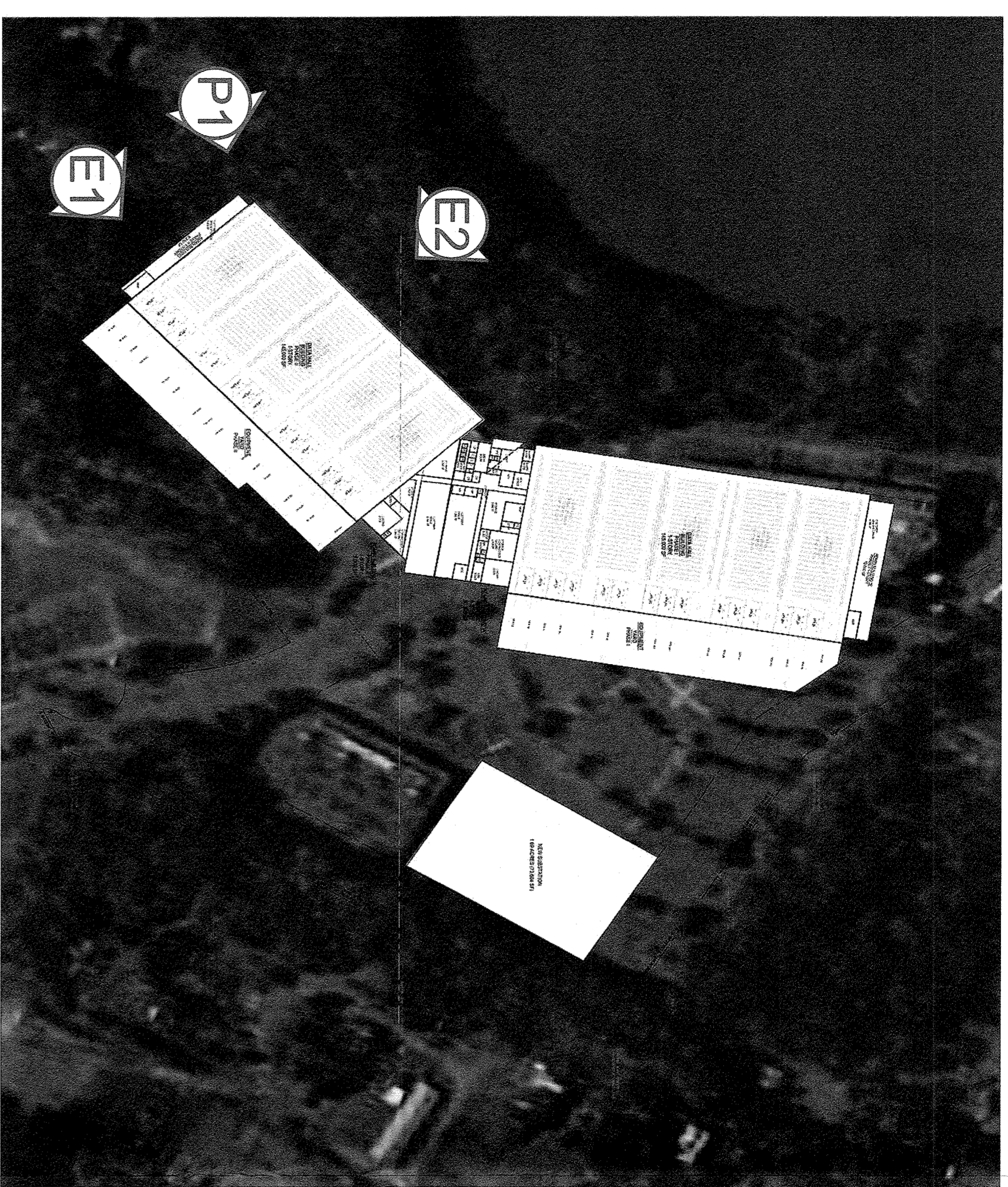
Architectural Scope Phase 2

Phase 2 consists of the single story, steel framed building that will house the south data halls, south equipment yard, central administration area addition, south administration area, and a new substation.

- ① The south data halls will be contain (5) 4MW data halls at 20,000 sf (200 watts/sf) and required UPS rooms. The data halls will have a depressed slab with approximately 3'-0" raised accessed floor. The exterior shell will be constructed of precast concrete panels.
- ② The secured north equipment yard will contain generators and vista switches.
- ③ The central administration addition will consist of a loading dock area and storage. The exterior shell will be constructed of a composite metal panel system.
- ④ The south administration area will consist of an MMR room and additional customer and storage space. The exterior shell will be constructed of a glass curtain wall system and composite metal panel system.
- ⑤ The new substation will be constructed.



Preliminary Basis of Design
Orangeburg, New York

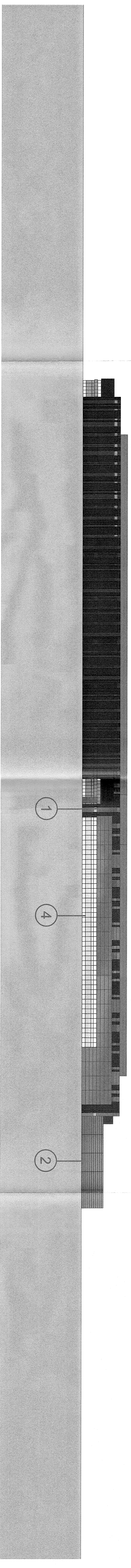


Phase 2

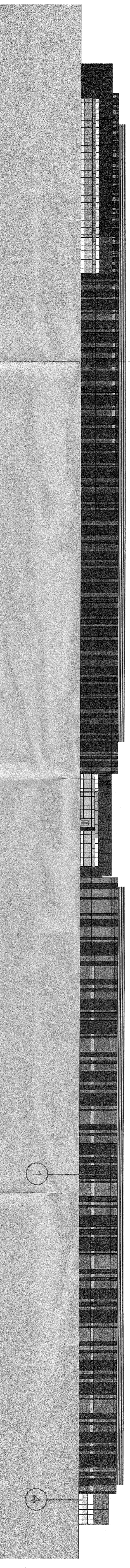
- ① South data halls
- ② South equipment yard
- ③ Central administration area
- ④ South administration area



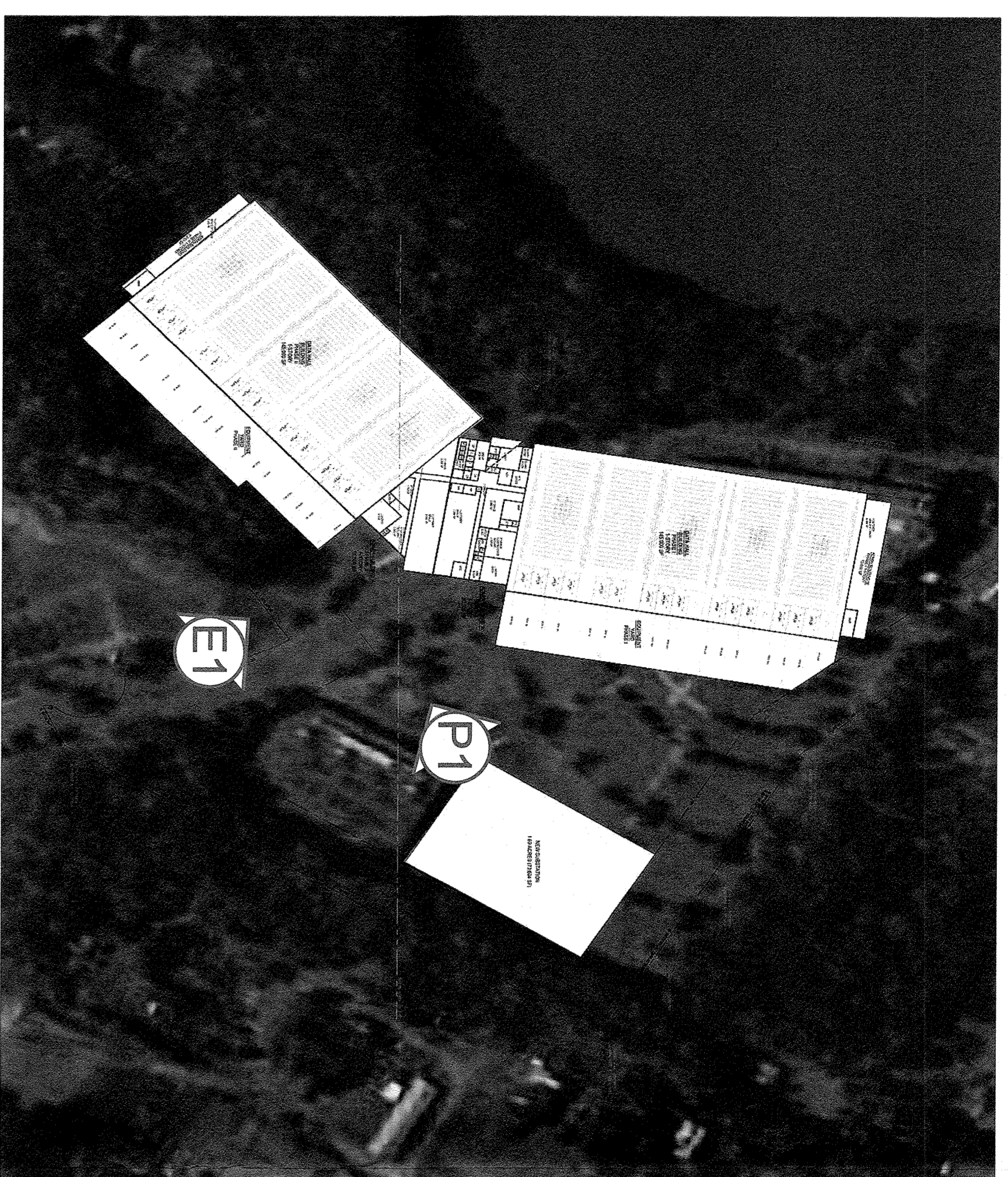
P1 PHASE 2 SOUTHWEST PERSPECTIVE



E1 PHASE 2 SOUTH ELEVATION

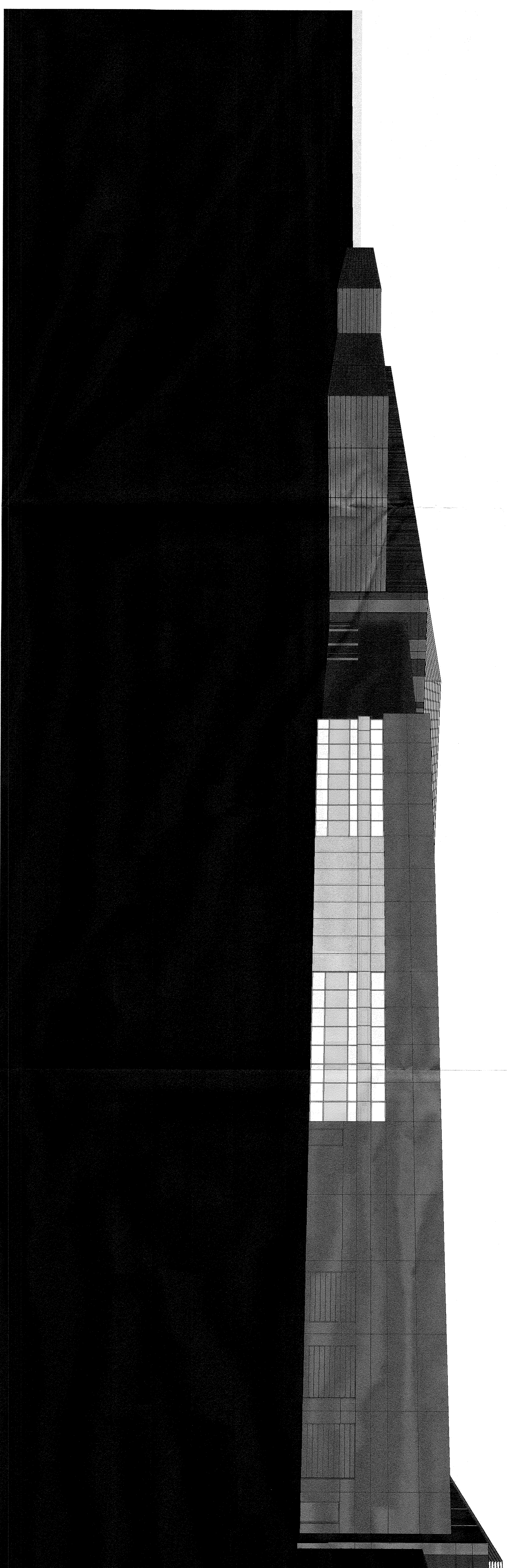


E2 PHASE 2 WEST ELEVATION

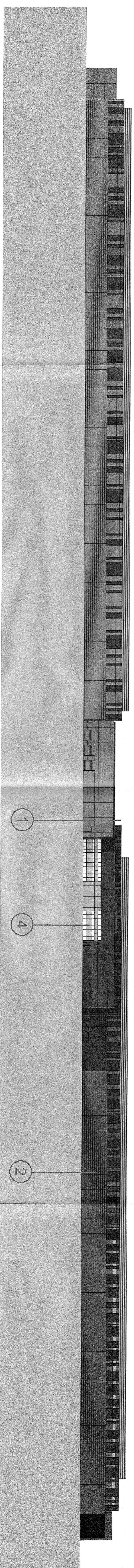


Phase 2

- ① South data halls
- ② South equipment yard
- ③ Central administration area
- ④ South administration area



P1 PHASE 2 EAST PERSPECTIVE



E1 PHASE 2 EAST ELEVATION

SITE PLAN APPLICATION DRAWINGS

FOR

DATABANK ORANGEBURG

2000 CORPORATE DRIVE

ORANGEBURG, NY 10962

PROJECT TEAM

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 CARWEL, NY 10512
 TEL: 945-225-8890
 CONTACT: JEFFREY B. DEROSA

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 3110 N CENTRAL AVENUE SUITE B-75
 PHOENIX, AZ 85012
 TEL: 347-873-1480
 CONTACT: TONY OORRI

SECTION: 73.15
BLOCK: 19
LOT: 19



SITE LOCATION MAP
 Scale: 1" = 1000'

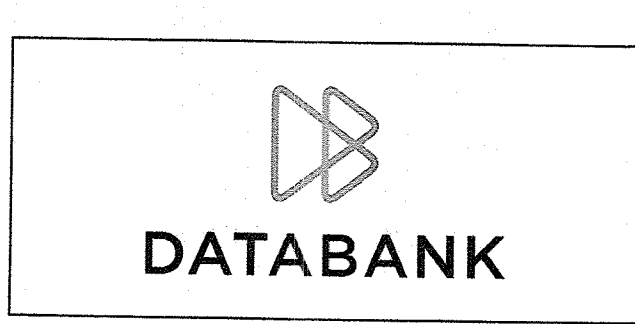
Sheet List Table

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| C-1.0 | ZONING AND ABUTTERS PLAN |
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| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% Dds | 03/29/22 | KH |

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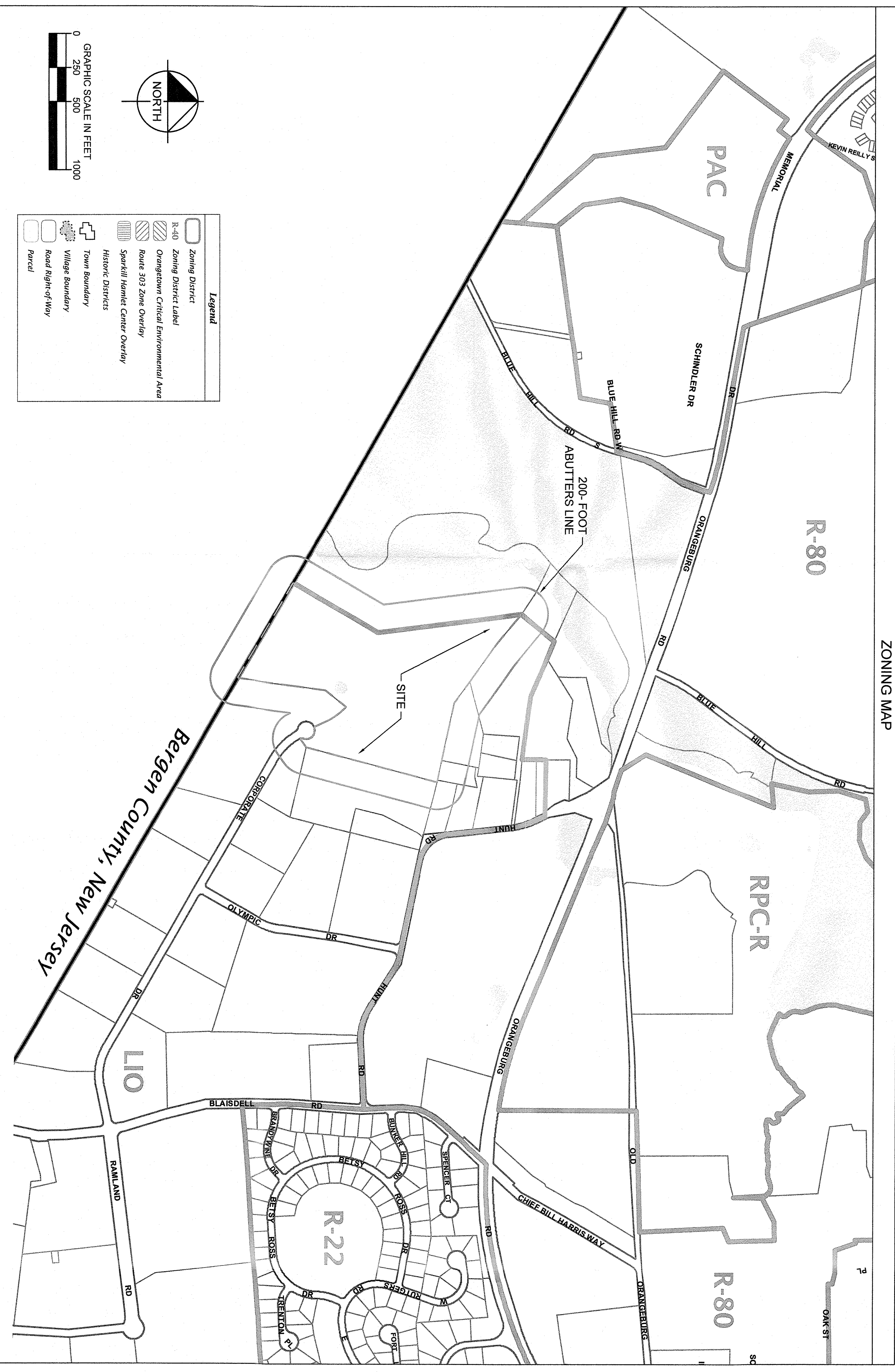
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| DATE 01-27-2022 |
| SCALE AS SHOWN |
| DESIGNED BY: BMD |
| DRAWN BY: BMD |
| CHECKED BY: MWJ |

COVER SHEET

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962

TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
C-0.0

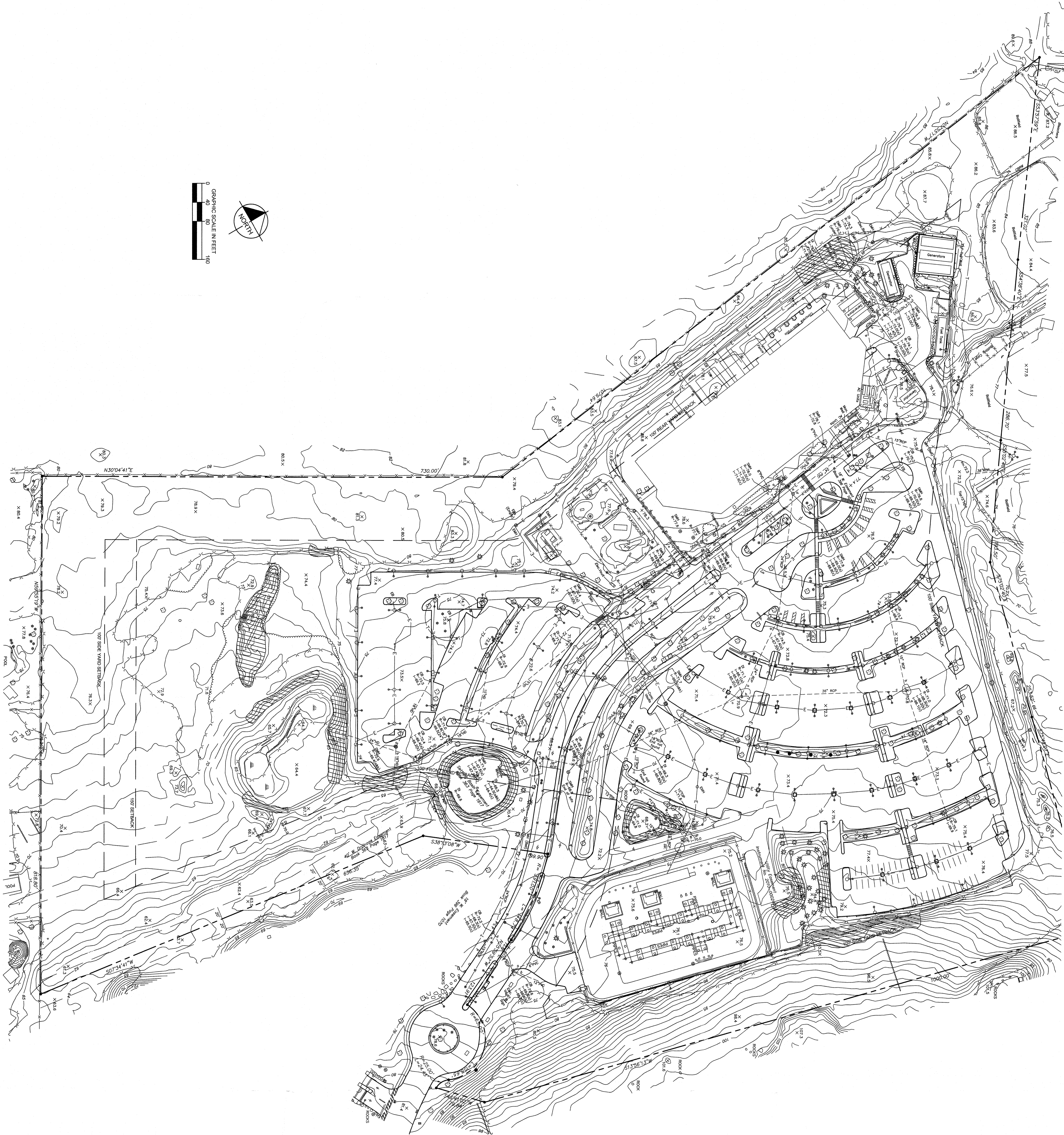
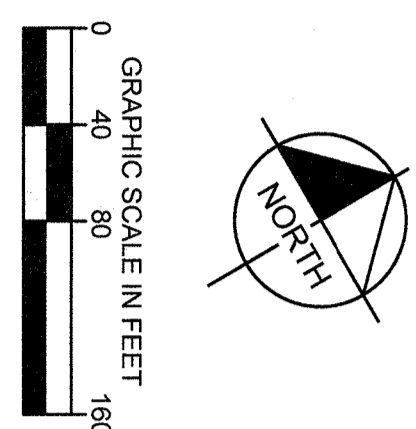


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| 320480 | 73.15-1-4 | Alan G. Gagliardi Inc | 707 West 7th Street, Orangeburg, NY 10962 | 1 |
| 320480 | 73.15-1-5 | Alan G. Gagliardi Inc | 707 West 7th Street, Orangeburg, NY 10962 | 1 |
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| 320480 | 73.15-1-20 | Alan G. Gagliardi Inc | 707 West 7th Street, Orangeburg, NY 10962 | 1 |

- NOTES**
- ZONING MAP SOURCE: ORANGETOWN ZONING MAP ADOPTED DECEMBER 11, 2018. https://www.orangetown.com/wp-content/uploads/2019/01/Orangeburg_Zoning_Map.pdf
 - ROADLAND COUNTY GIS: ROADLAND COUNTY PLANNING DEPARTMENT - GIS. <https://www.roadland.com/portal/geospatial/roads/roads.html>
 - ABUTTERS LIST SOURCE: ROADLAND COUNTY GIS AND BERGEN COUNTY GIS.
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| <p>DATABANK ORANGETOWN 2000 CORPORATE DRIVE ORANGETOWN, NY 10962</p> <p>TOWN OF ORANGETOWN NEW YORK</p> | <p>ZONING AND ABUTTERS PLAN</p> | <p>KHA PROJECT 112117011 DATE 01-27-2022 SCALE: AS SHOWN DESIGNED BY: DRAWN BY: BMD CHECKED BY: MWJ</p> | | <p>Kimley»Horn</p> <p>© 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10601 PHONE: 914-369-8200 WWW.KIMLEY-HORN.COM</p> | <p>NOT FOR CONSTRUCTION</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>SITE PLAN REVISIONS</td> <td>05/13/22</td> <td>KH</td> </tr> <tr> <td>2</td> <td>SITE PLAN SUBMISSION</td> <td>04/14/22</td> <td>KH</td> </tr> <tr> <td>1</td> <td>50% DSS</td> <td>03/28/22</td> <td>KH</td> </tr> </tbody> </table> | NO. | REVISIONS | DATE | BY | 2 | SITE PLAN REVISIONS | 05/13/22 | KH | 2 | SITE PLAN SUBMISSION | 04/14/22 | KH | 1 | 50% DSS | 03/28/22 | KH |
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| 1 | 50% DSS | 03/28/22 | KH | | | | | | | | | | | | | | | | | | | |



- EXISTING CONDITIONS NOTES**
1. PROPERTY LINES AND UTILITIES SHOWN ARE BASED ON THE SURVEY MAP ENTITLED "TOPOGRAPHIC SURVEY" PREPARED BY NRIE ENGINEERING, INC. ON 01/27/2022. THE SURVEY MAP IS DATED JANUARY 4TH, 2022.
 2. ALL UTILITIES INFORMATION SHOWN ON THE PLAN IS NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL SHOWN ON THE SURVEY EXACT LOCATIONS TO BE REFERRED BY CONTRACTOR BEFORE BEGINNING CONSTRUCTION.
 3. ELEVATIONS SHOWN ARE REFERENCED TO NAVD83 DATUM.

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962

TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
C-1.1

**EXISTING
 CONDITIONS PLAN**

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 112117011

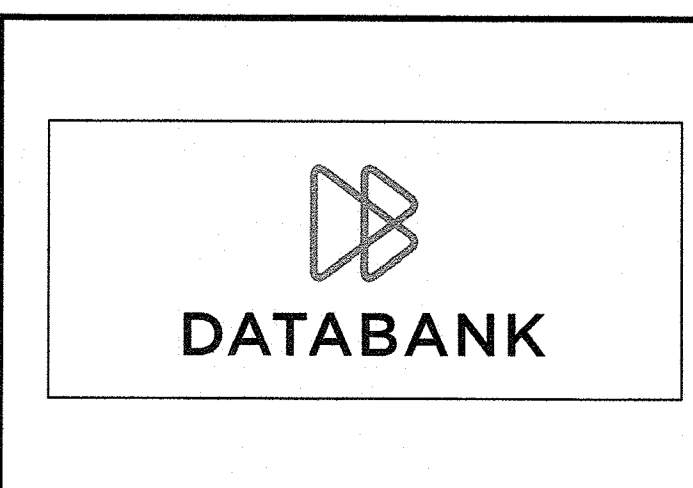
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DESIGNED BY:

DRAWN BY: BMD

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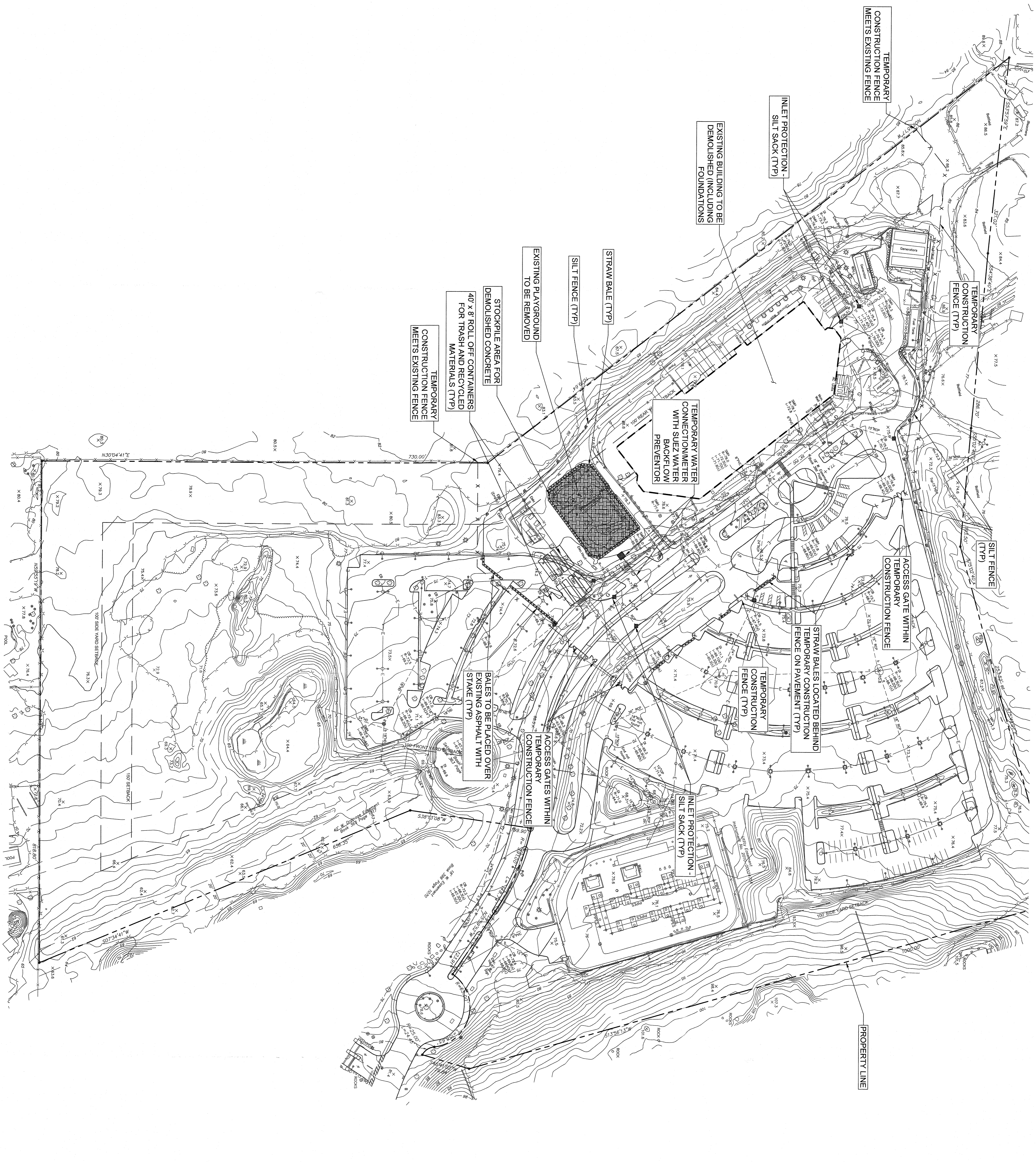


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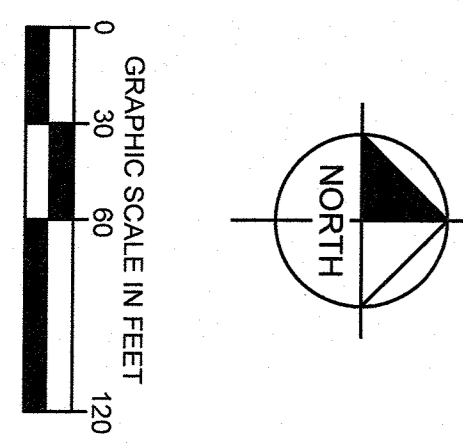
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| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% Ds | 03/28/22 | KH |
| NO. | REVISIONS | DATE | BY |



- EXISTING CONDITIONS NOTES**
- PROPERTY LINES AND EXISTING CONDITIONS SHOWN ARE TOPOGRAPHIC SURVEY PREPARED BY MASTE ENGINEERING SURVEY AND LANDSCAPE ARCHITECTURE, P.C., DATED 03/29/22.
 - ALL UTILITIES SHOWN ON THIS PLAN IS NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES WILL BE BY CONTRACTOR BEFORE BEGINNING CONSTRUCTION.
 - ELEVATIONS SHOWN ARE REFERENCED TO MANSION DATUM.
- DEMOLITION NOTES**
- ALL UTILITIES AND EXISTING FOUNDATIONS TO BE DEMOLISHED AND REMOVED FROM THE SITE.
 - DEMOLITION SHALL BE CONDUCTED IN ACCORDANCE WITH THE TOWN OF ORANGEBURG CODE, TITLE 22 OF THE TOWN OF ORANGEBURG CODE. THIS CODE IS AVAILABLE AT THE TOWN OF ORANGEBURG, 200 CORPORATE DRIVE, ORANGEBURG, NY 10962.
 - DEMOLITION SHALL BE CONDUCTED IN ACCORDANCE WITH THE TOWN OF ORANGEBURG CODE, TITLE 22 OF THE TOWN OF ORANGEBURG CODE. THIS CODE IS AVAILABLE AT THE TOWN OF ORANGEBURG, 200 CORPORATE DRIVE, ORANGEBURG, NY 10962.

LEGEND

| | |
|--|-----------------------------------------------------|
| | PROPERTY LINE |
| | TEMPORARY CONSTRUCTION FENCE |
| | INLET PROTECTION SILT SACK |
| | STRAW BALES |
| | STOCKPILE AREA FOR DEMOLISHED CONCRETE |
| | TEMPORARY WATER CONNECTION/WATER BACKFLOW PREVENTOR |
| | TEMPORARY WATER BACKFLOW PREVENTOR |



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| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
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| 1 | 50% DDs | 03/29/22 | KH |

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DATABANK

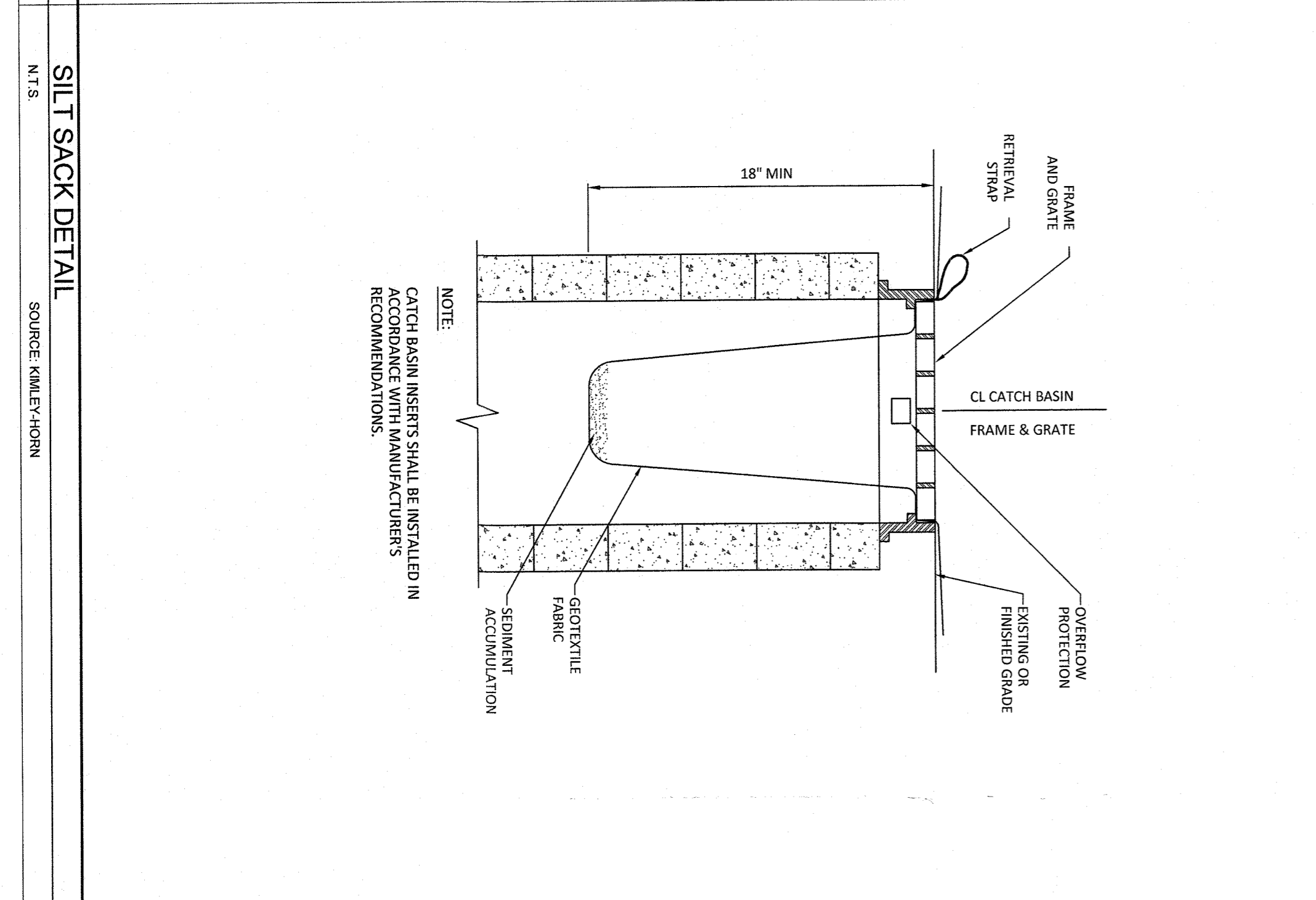
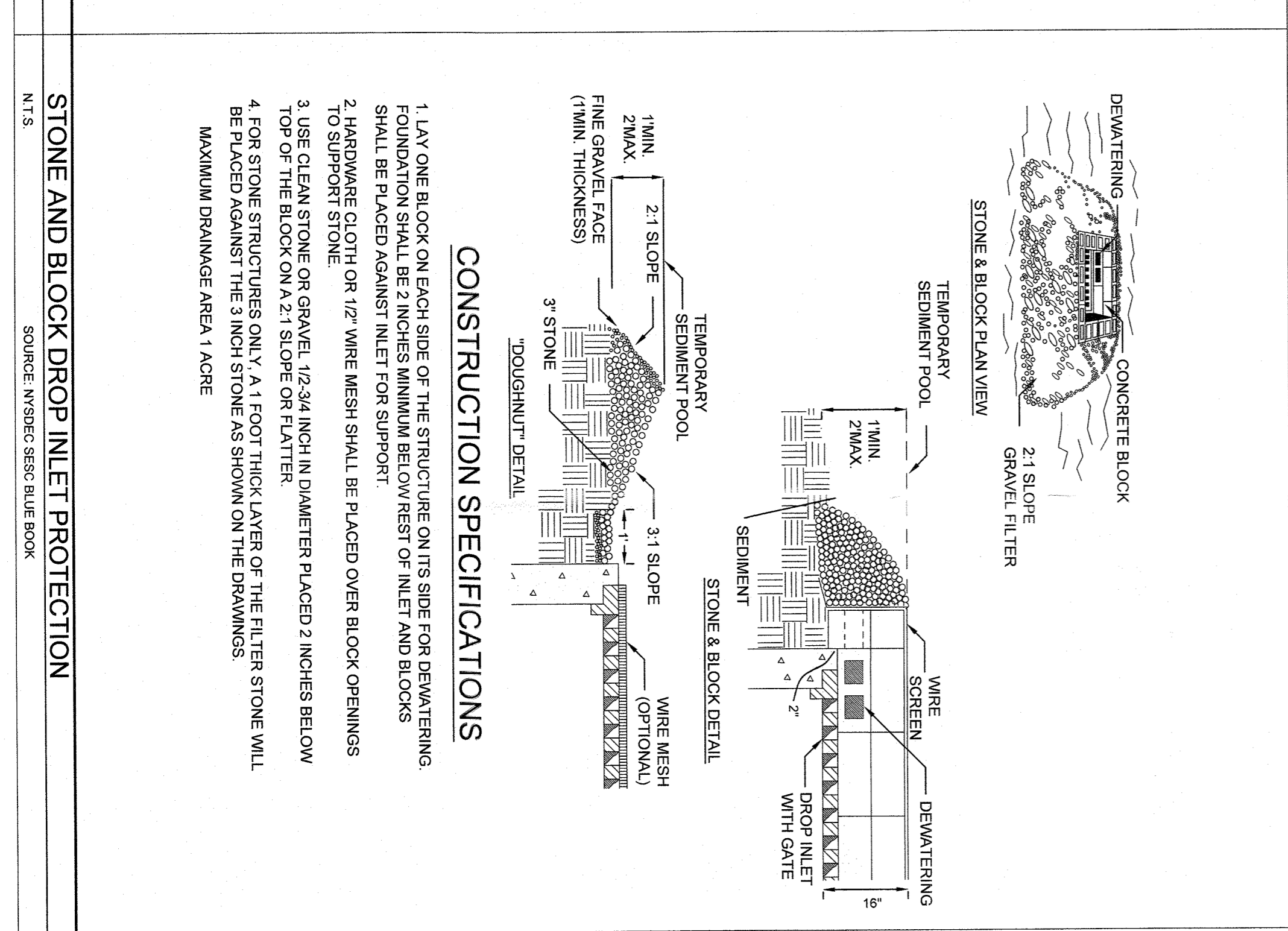
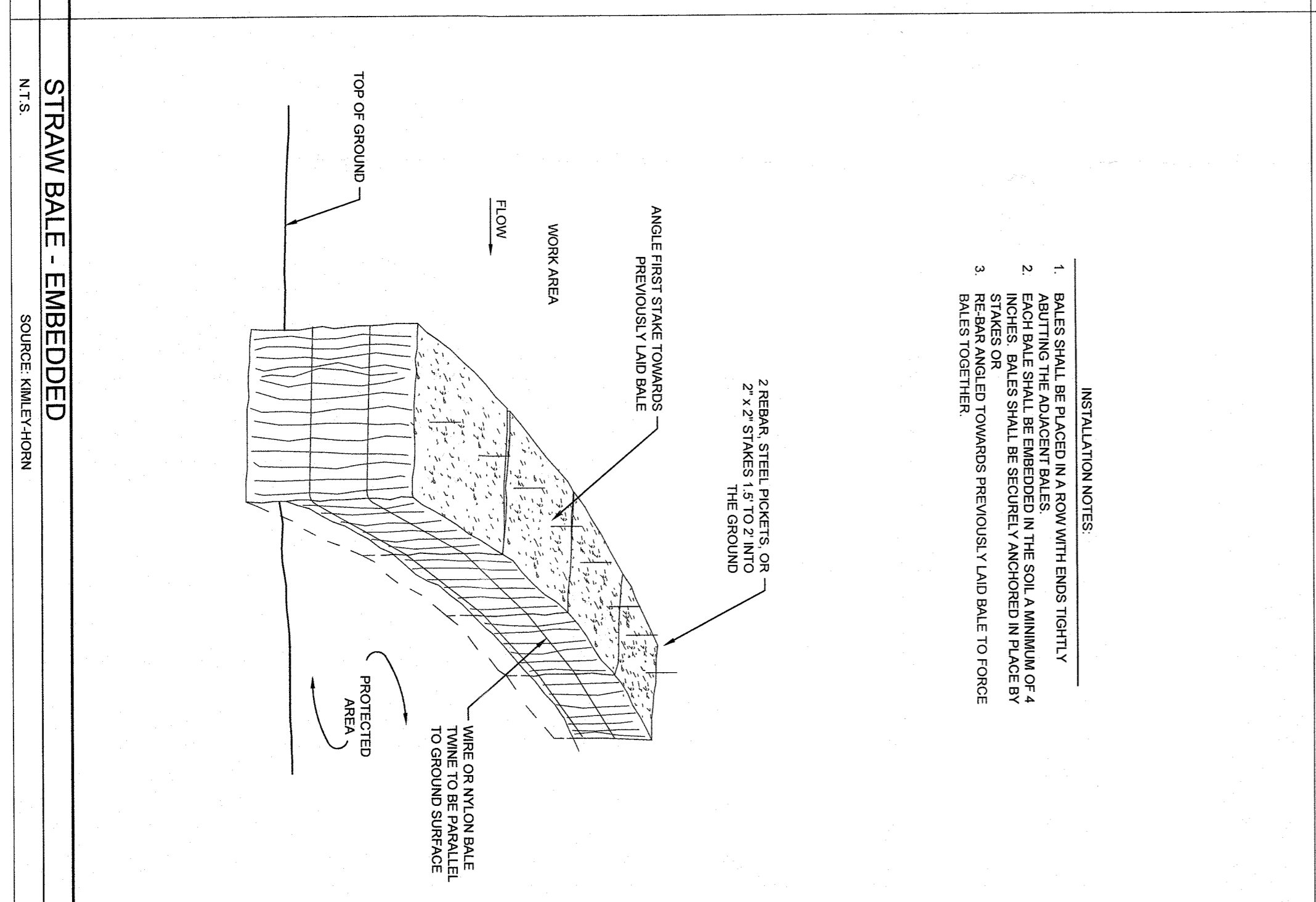
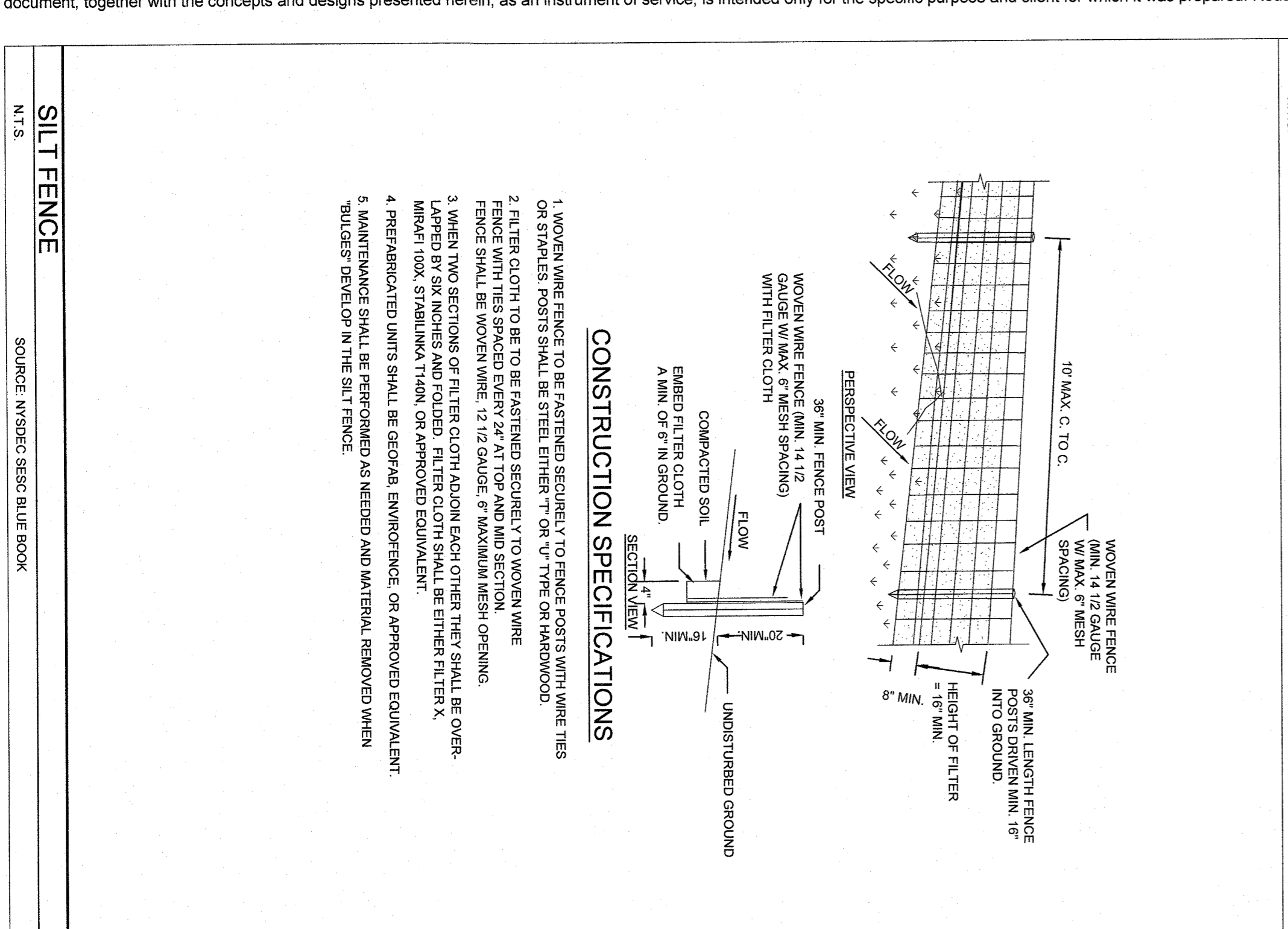
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| DATE | 01-27-2022 |
| SCALE: | AS SHOWN |
| DESIGNED BY: | |
| DRAWN BY: | BMD |
| CHECKED BY: | MWJ |

BUILDING DEMOLITION AND EROSION CONTROL PLAN

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962

TOWN OF ORANGEBURG NEW YORK

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| SHEET NUMBER C-2.1 | DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962 | TOWN OF ORANGEBURG NEW YORK | BUILDING DEMOLITION AND EROSION CONTROL DETAILS | KHA PROJECT 112117011 |
| | | | | DATE 01-27-2022 |
| | | | | SCALE: AS SHOWN |
| | | | | DESIGNED BY: DRAWN BY: BMD CHECKED BY: MWU |

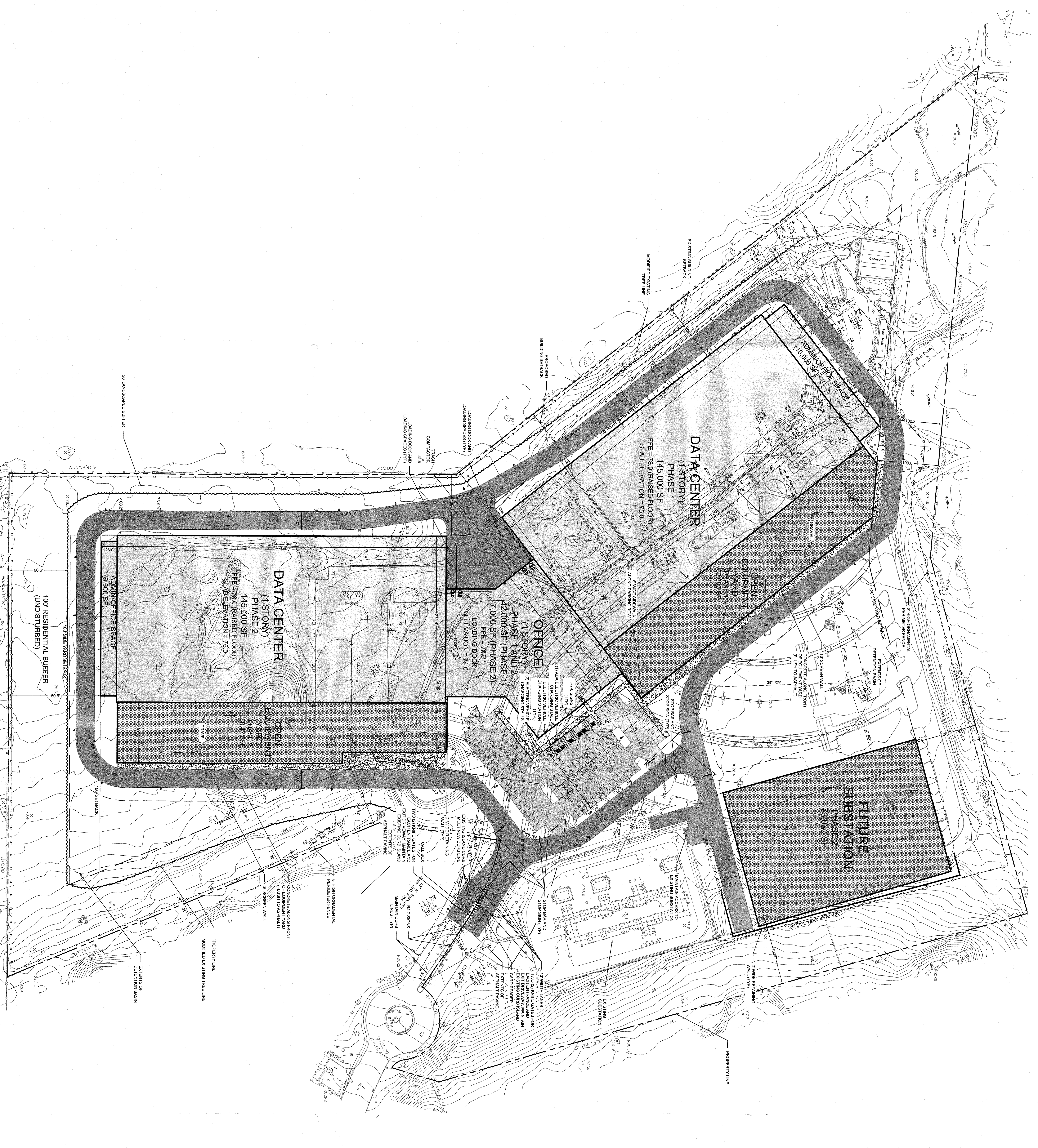
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| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% Dds | 03/28/22 | KH |
| | | | |

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- NOTES**
1. ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF THE CURB UNLESS OTHERWISE NOTED.
 3. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
 4. ROAD ADJACENT TO MARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 3 FEET TYPICAL.
 5. ALL ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.

LEGEND

| | |
|----------|------------------------------------|
| [Symbol] | BUILDING |
| [Symbol] | BLANK OFF FLOOR |
| [Symbol] | BLANK OFF FLOOR |
| [Symbol] | BRITANNIC PAVEMENT |
| [Symbol] | CONCRETE |
| [Symbol] | RIP RAP STONE |
| [Symbol] | EQUIPMENT YARD AND CONCRETES |
| [Symbol] | # HIGH BLACK IRON ORNAMENTAL FENCE |
| [Symbol] | CONCRETE CURB |
| [Symbol] | CONCRETE FLUSH CURB |
| [Symbol] | 2" WIDE RETAINING WALL |
| [Symbol] | EXTENTS OF EXISTING |
| [Symbol] | MODIFIED EXISTING TREE LINE |

ZONING REQUIREMENTS

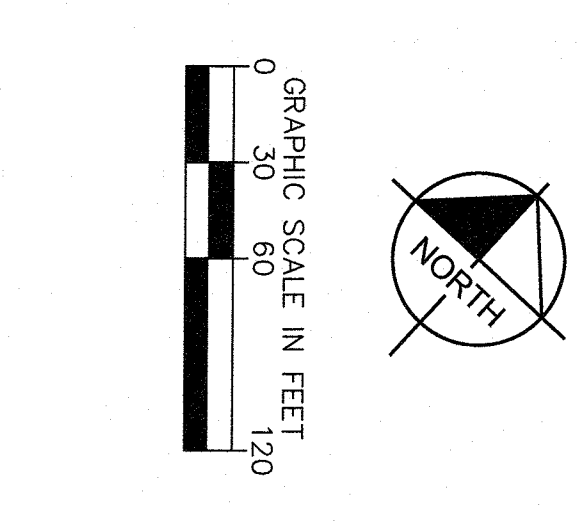
| PROPOSED USE | REQUIRED | EXISTING | PROPOSED |
|----------------------|---------------------|---------------------|-----------|
| DATA CENTER | 2 AC | 33.83 AC | NO CHANGE |
| MIN. LOT AREA | 300 FT ² | 100 FT ² | NO CHANGE |
| MIN. LOT WIDTH | 100 FT | 100 FT | NO CHANGE |
| FRONT YARD SETBACK | 100 FT | 100 FT | NO CHANGE |
| REAR YARD SETBACK | 100 FT | 100 FT | NO CHANGE |
| MAX. BUILDING HEIGHT | 28 FT | 100 FT | NO CHANGE |

PARKING REQUIREMENTS

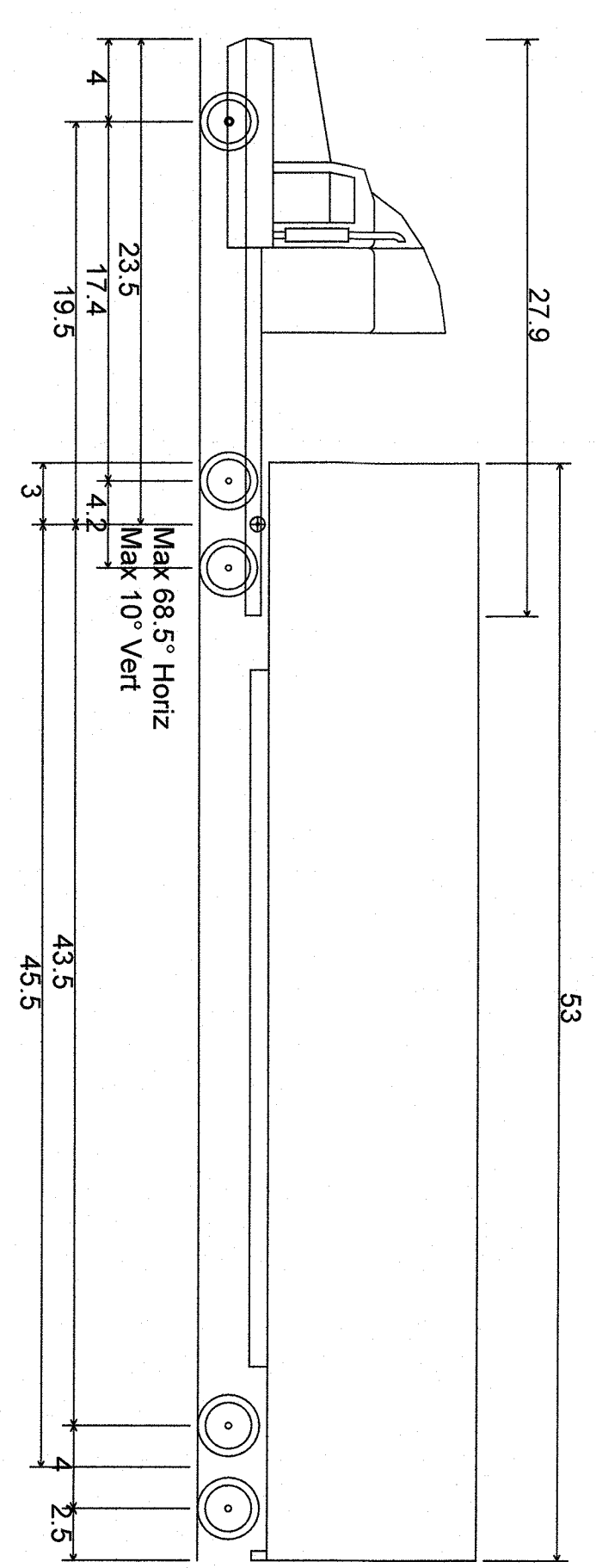
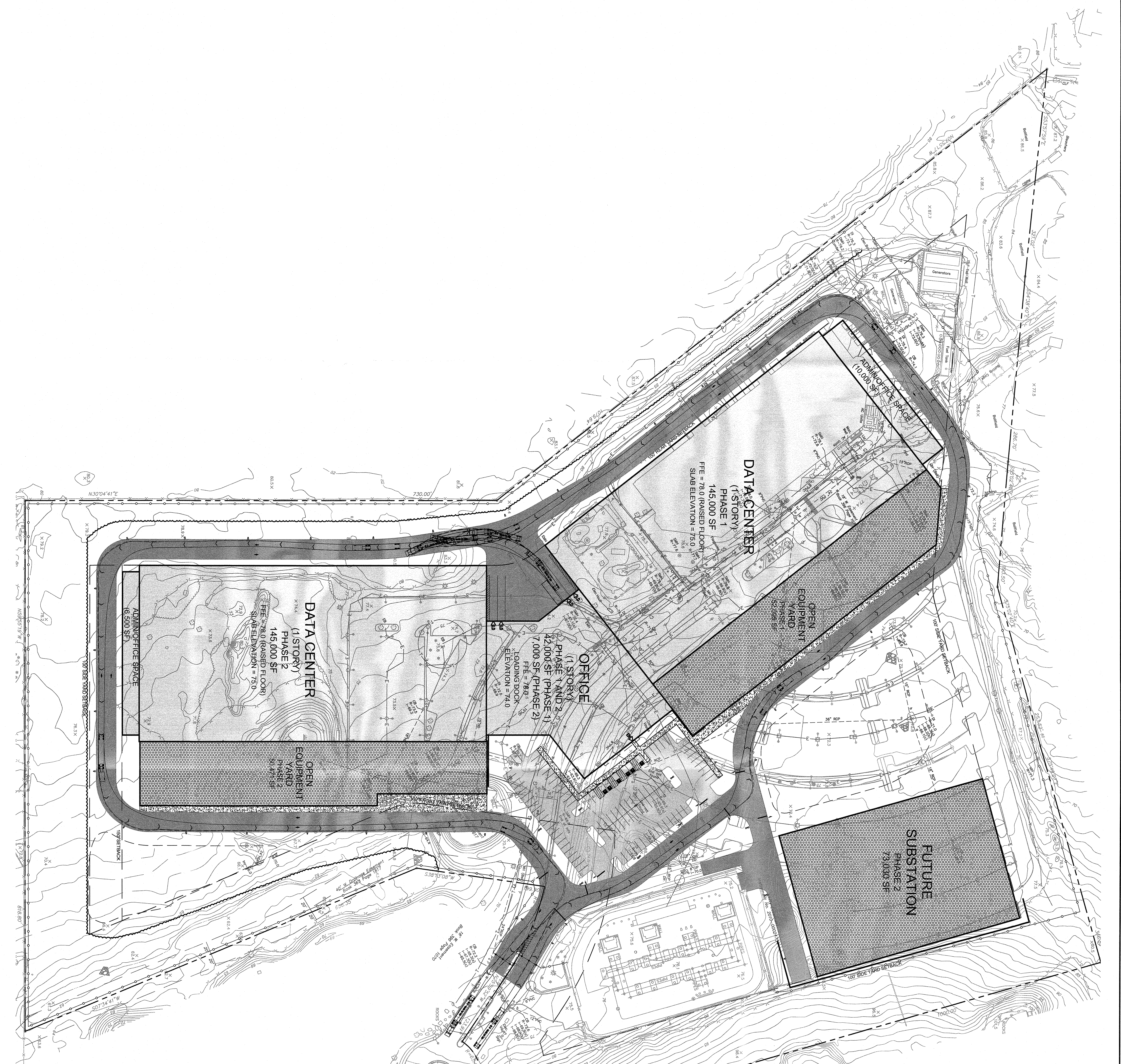
| STANDARD SERVICES | REQUIRED | PROPOSED |
|------------------------------|--------------|--------------|
| STANDARD SERVICES (1/200 SF) | 9 FT X 18 FT | 9 FT X 18 FT |
| STANDARD SERVICES (1/200 SF) | 8 FT SPACES | 8 FT SPACES |
| STANDARD SERVICES (1/200 SF) | 10 FT SPACES | 10 FT SPACES |
| STANDARD SERVICES (1/200 SF) | 24 SPACES | 24 SPACES |
| STANDARD SERVICES (1/200 SF) | 4 SPACES | 4 SPACES |

SIGN LEGEND

| M.U.C.D. Number | Specification | Width | Height | Sign |
|-----------------|---------------|-------|--------|-------------|
| R-1 | STOP | 36" | 36" | [STOP SIGN] |
| R-2 | STOP | 24" | 36" | [STOP SIGN] |
| R-3 | STOP | 12" | 18" | [STOP SIGN] |



| <p>DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962</p> <p>TOWN OF ORANGEBURG NEW YORK</p> | <p>LAYOUT AND MATERIALS PLAN</p> | <p>KHA PROJECT 112117011</p> <p>DATE 01-27-2022</p> <p>SCALE: AS SHOWN</p> <p>DESIGNED BY:</p> <p>DRAWN BY: BMD</p> <p>CHECKED BY: MWJ</p> | <p>Kimley»Horn</p> <p>© 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10601 PHONE: 914-985-0200 WWW.KIMLEY-HORN.COM</p> | <p>NOT FOR CONSTRUCTION</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>SITE PLAN REVISIONS</td> <td>05/13/22</td> <td>KH</td> </tr> <tr> <td>2</td> <td>SITE PLAN SUBMISSION</td> <td>04/14/22</td> <td>KH</td> </tr> <tr> <td>1</td> <td>50% DDs</td> <td>03/28/22</td> <td>KH</td> </tr> </tbody> </table> | NO. | REVISIONS | DATE | BY | 2 | SITE PLAN REVISIONS | 05/13/22 | KH | 2 | SITE PLAN SUBMISSION | 04/14/22 | KH | 1 | 50% DDs | 03/28/22 | KH |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|------|----|---|---------------------|----------|----|---|----------------------|----------|----|---|---------|----------|----|
| NO. | REVISIONS | DATE | BY | | | | | | | | | | | | | | | | | |
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH | | | | | | | | | | | | | | | | | |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH | | | | | | | | | | | | | | | | | |
| 1 | 50% DDs | 03/28/22 | KH | | | | | | | | | | | | | | | | | |



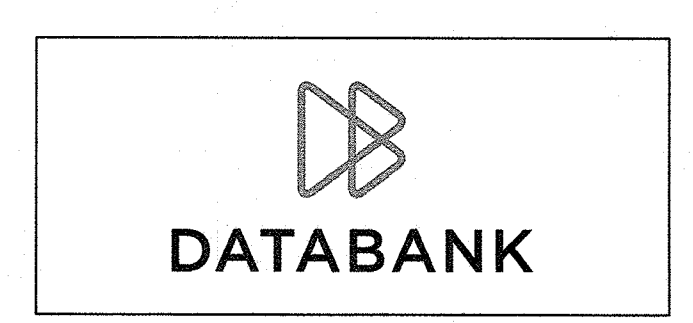
DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962

TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
C-3.1

VEHICLE MANEUVERING (WB TRUCK)

KHA PROJECT
112117011
DATE
01-27-2022
SCALE: AS SHOWN
DESIGNED BY:
DRAWN BY: BMD
CHECKED BY: MWJ

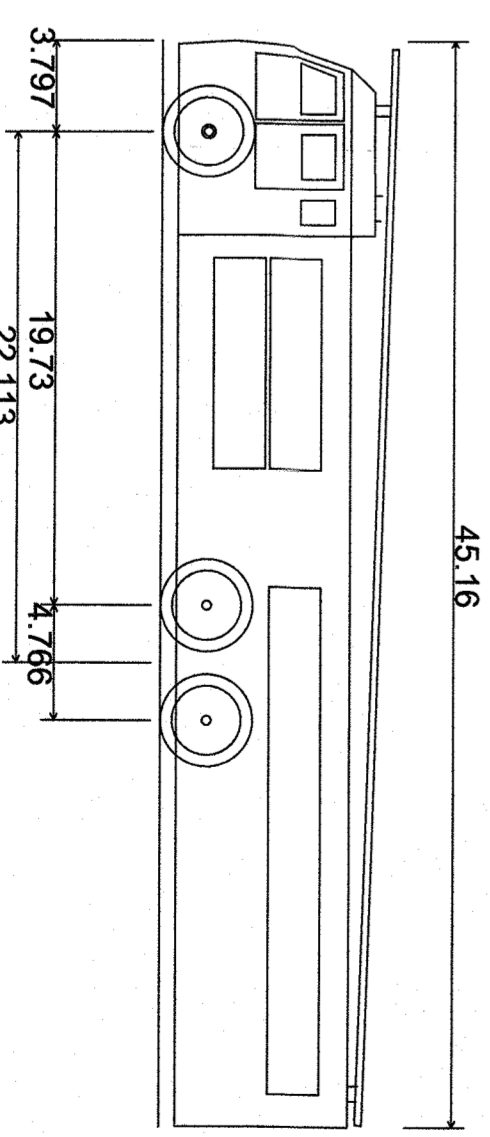
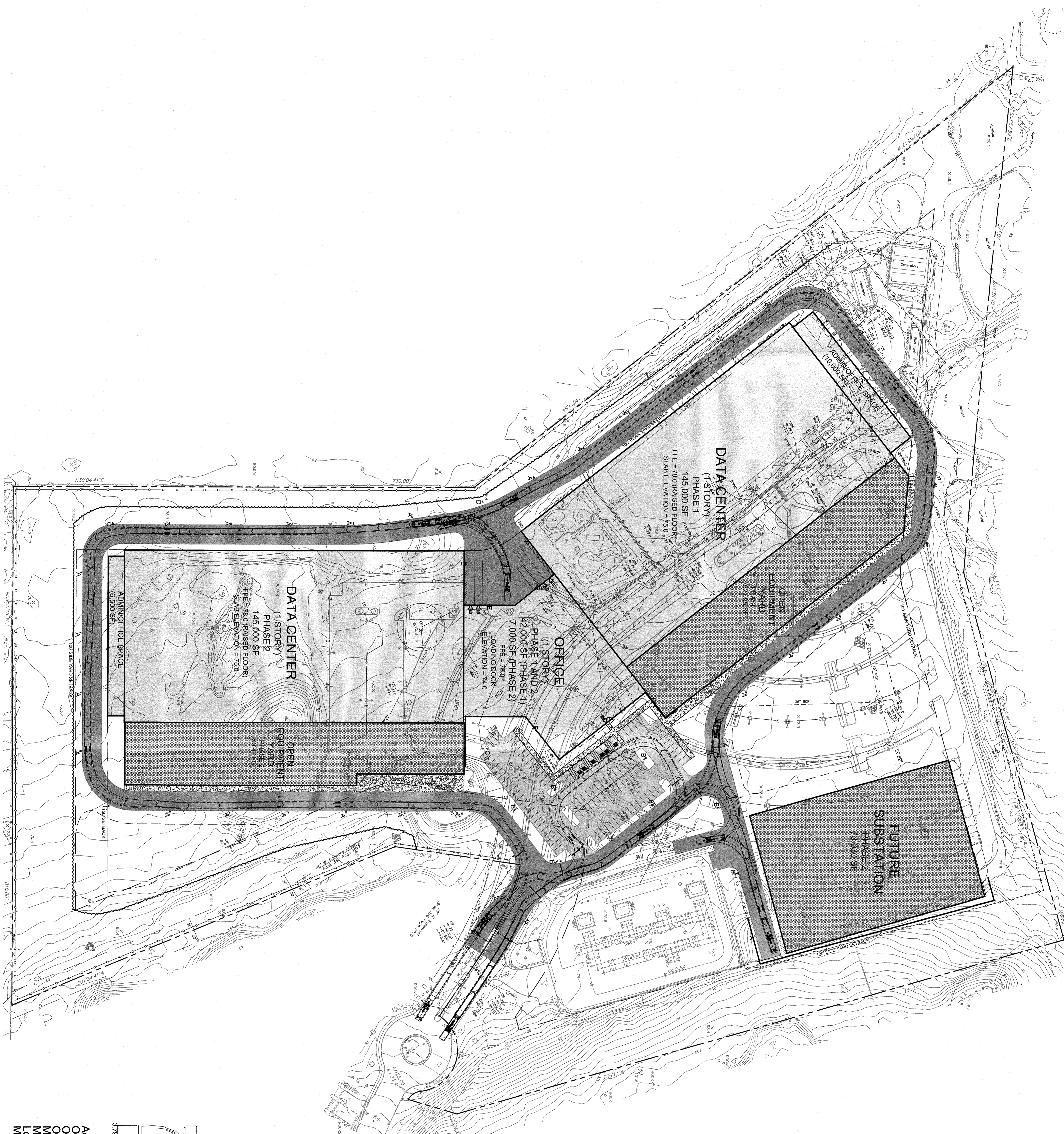


Kimley»Horn

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1 NORTH LEXINGTON AVENUE, SUITE 505
WHITE PLAINS, NY 10601
PHONE: 914-369-9200
WWW.KIMLEY-HORN.COM

NOT FOR CONSTRUCTION

| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% DDs | 03/29/22 | KH |

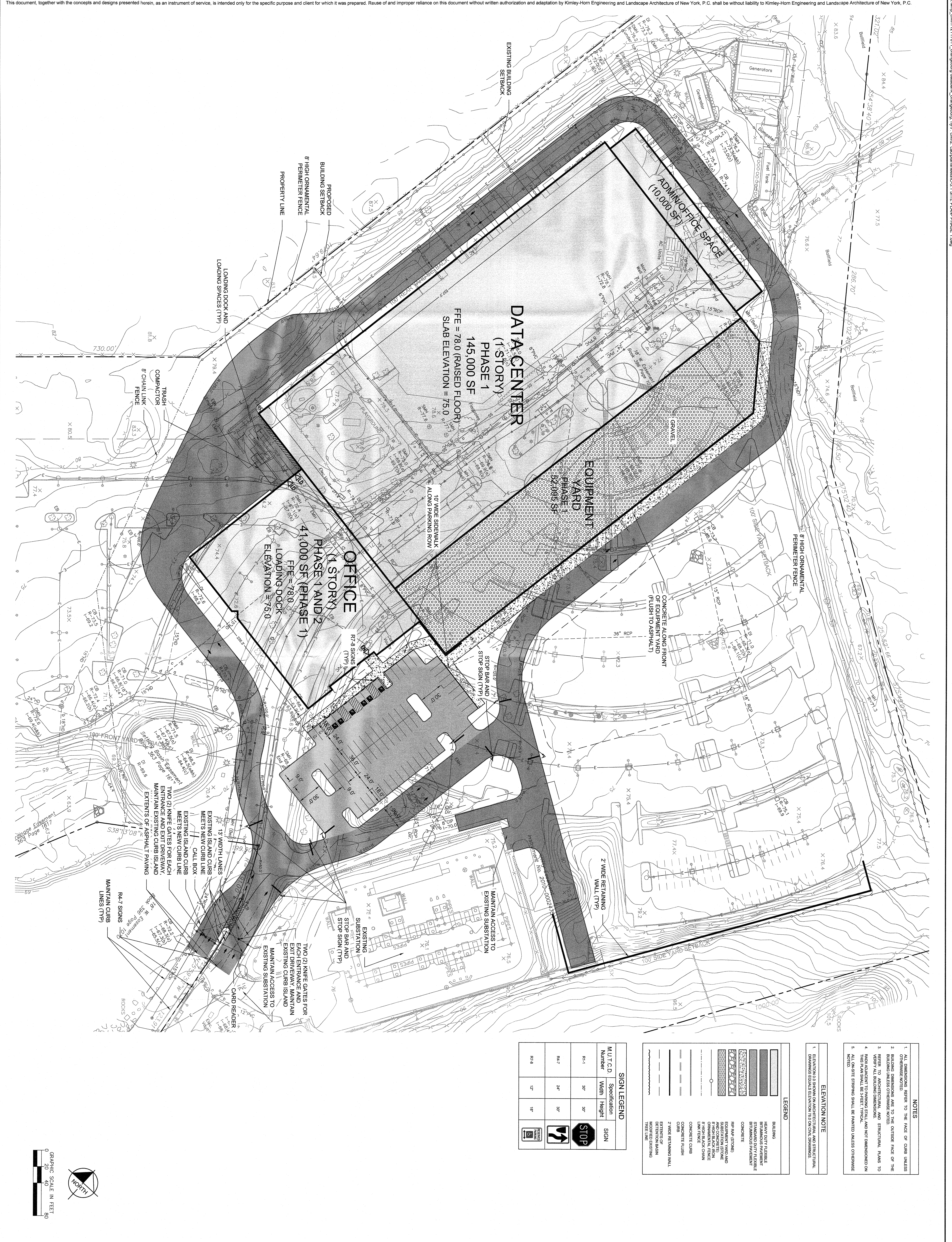


Aerial Platform Apparatus
 Overall Length 45.16ft
 Overall Width 19.73ft
 Min Body Height 3.79ft
 Max Track Width 22.13ft
 Lock-to-lock time 8.200ft
 Max Wheel Angle 4.78°

45.160ft
 19.73ft
 3.79ft
 22.13ft
 8.200ft
 4.78°

| | | | | | | | | | | | |
|------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------|------------|---------------------------------------------|------------------------------------------|----------------------|
| SHEET NUMBER C-3.2 | DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962 TOWN OF ORANGEBURG NEW YORK | VEHICLE MANEUVERING (FIRE TRUCK) | KHA PROJECT 112117011 | | Kimley»Horn © 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 605 WHITE PLAINS, NY 10601 PHONE: 914-368-8200 WWW.KIMLEY-HORN.COM | NOT FOR CONSTRUCTION | DATE 01-27-2022 | NO. 2 1 | REVISIONS SITE PLAN REVISIONS 50% Dds | DATE 05/13/22 04/14/22 03/28/22 | BY KH KH KH |
| | | | SCALE: AS SHOWN DESIGNED BY: DRAWN BY: BMD CHECKED BY: MWJ | | | | NO. 1 | | REVISIONS | DATE | BY |

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- NOTES**
1. ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
 3. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
 4. ROAD ADJACENT TO PARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 3 FEET TYPICAL.
 5. ALL ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.

ELEVATION NOTE

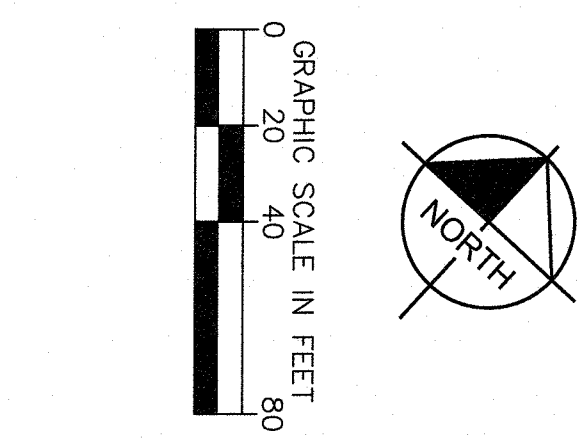
1. ELEVATION IS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS UNLESS OTHERWISE NOTED.

LEGEND

- BUILDING
- REINFORCED CONCRETE
- STANDARD DUTY FLEXIBLE BITUMINOUS PAVEMENT
- CONCRETE
- RAP AND STONE
- EQUIPMENT YARD AND CONCRETE
- ORNAMENTAL FENCE
- 8" HIGH BLACK CHAIN LINK FENCE
- CONCRETE CURB
- CONCRETE FLASH
- 2" WIDE RETAINING WALL
- RETENTION BASIN
- MODIFIED EXISTING TREE LINE

SIGN LEGEND

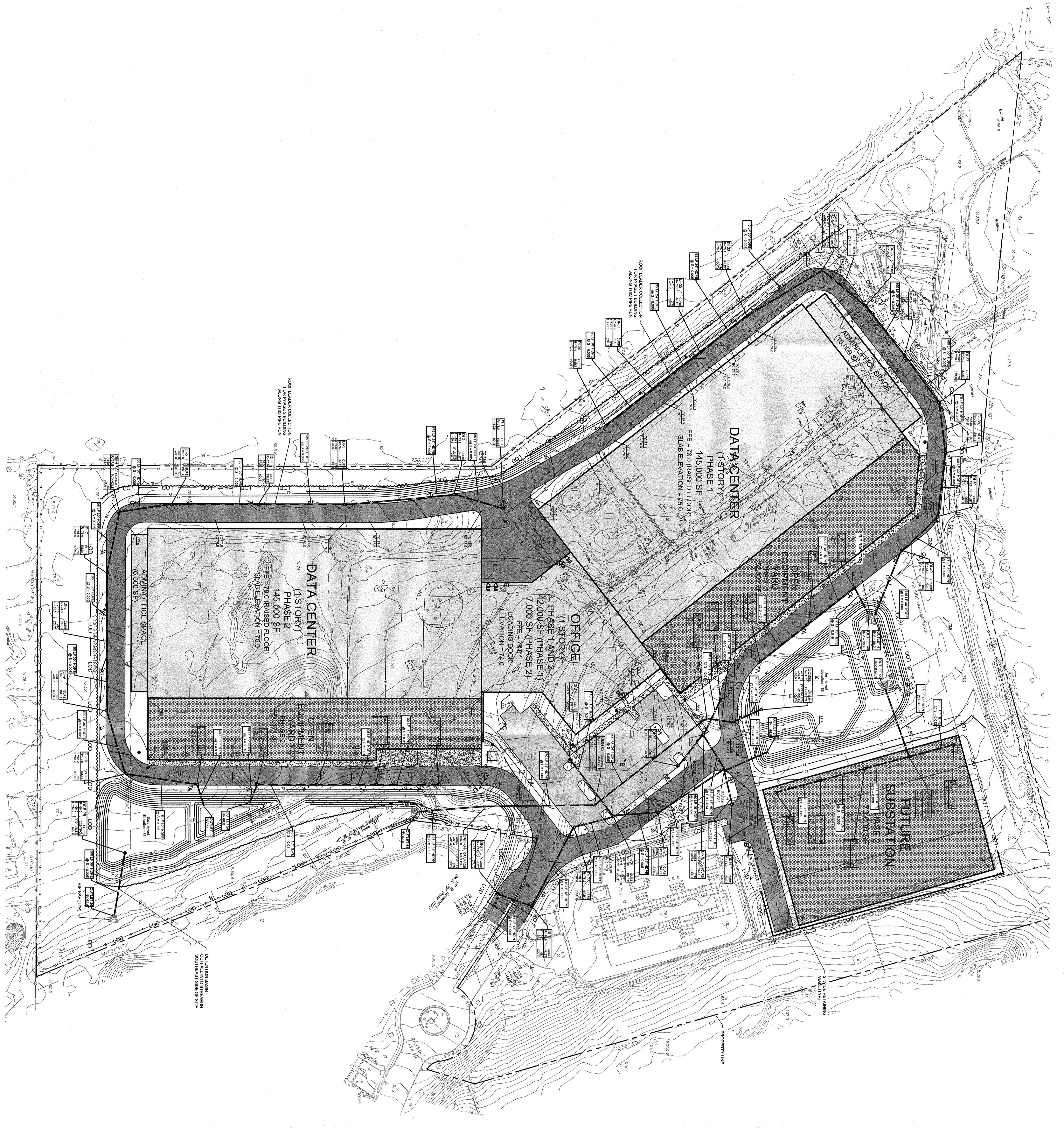
| MUTCD Number | Specification | Width | Height | SIGN |
|--------------|---------------|-------|--------|------------------------------|
| R1-1 | 30" | 30" | 30" | STOP |
| R4-7 | 30" | 30" | 30" | STOP BAR AND STOP SIGN (TYP) |
| R4-9 | 12" | 18" | 18" | STOP SIGN (TYP) |



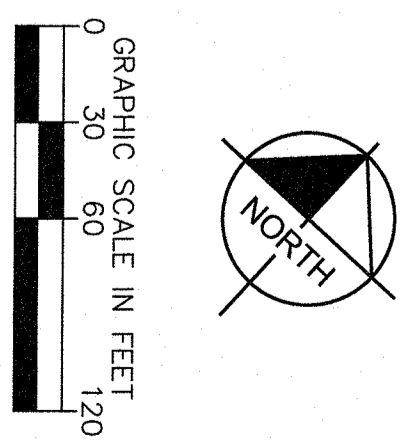
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|------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------|------------------------------------------------------|
| SHEET NUMBER C3.3 | DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962 TOWN OF ORANGEBURG NEW YORK | LAYOUT AND MATERIALS PLAN PHASE 1 | KHA PROJECT 112117011 | | Kimley»Horn © 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10601 PHONE: 914-889-8200 WWW.KIMLEY-HORN.COM | NOT FOR CONSTRUCTION | DATE 05/13/22 | BY KH |
| | | | DATE 01-27-2022 | | | | SCALE: AS SHOWN | DESIGNED BY: BMD DRAWN BY: BMD CHECKED BY: MWJ |

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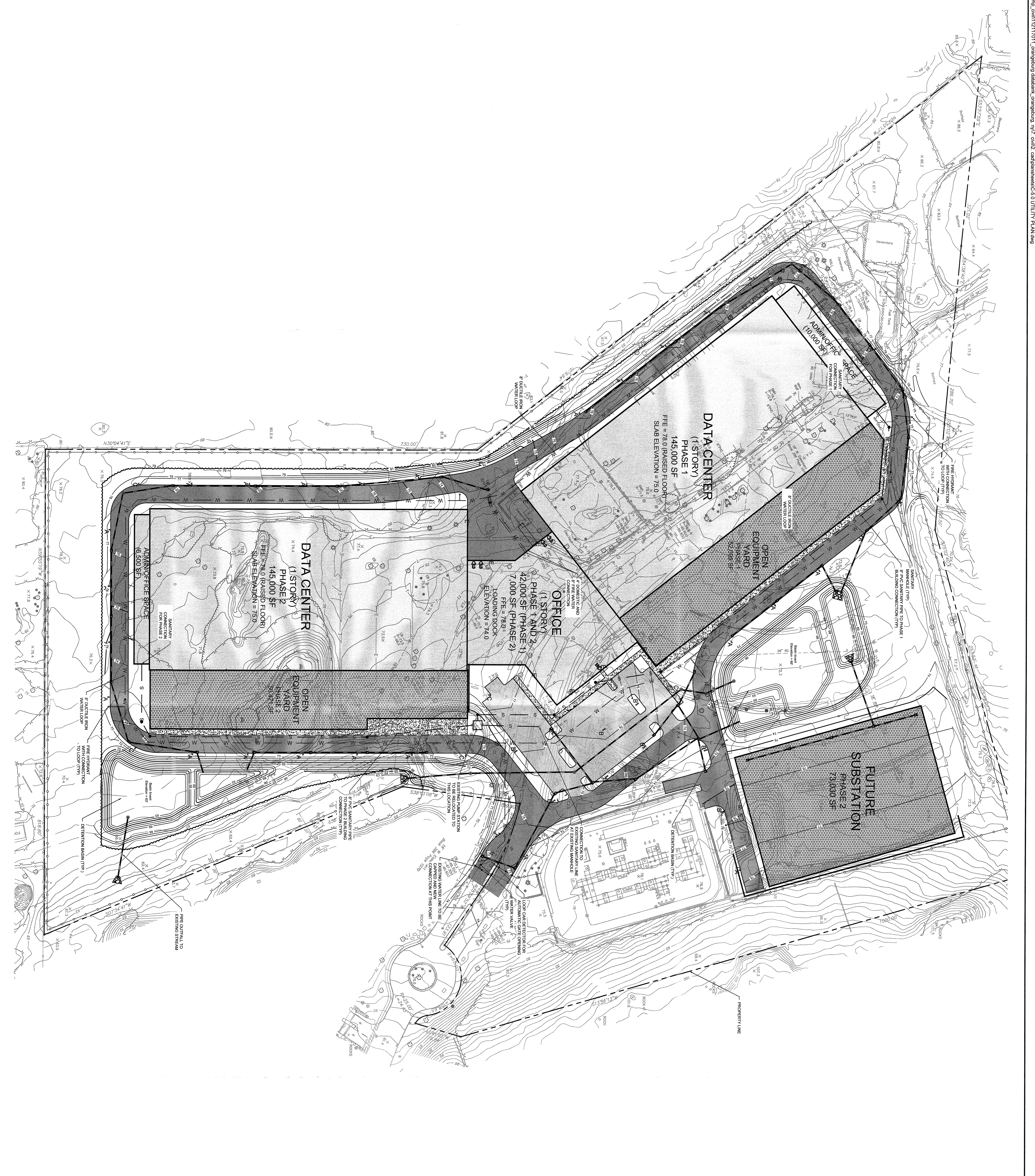


| LEGEND | |
|--------|-----------------------------------------|
| | LOT LINE |
| | EXISTING CONTOUR |
| | PROPOSED CONTOUR |
| | LIMIT OF DISTURBANCE (APPROX. 24' W/SS) |
| | PROPOSED SLOPE |
| | PROPOSED ELEVATION |
| | PROPOSED STORM DRAINAGE STRUCTURES |
| | PROPOSED STORM DRAINAGE PIPE |
| | DRAINAGE STRUCTURE |
| | MANHOLE |
| | CATCH BASIN |
| | PROPOSED STORM DRAINAGE STRUCTURE |
| | PROPOSED STORM DRAINAGE PIPE |



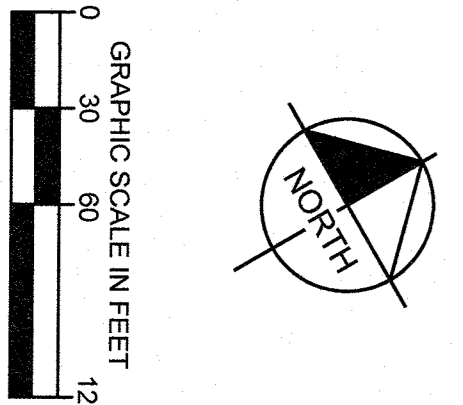
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|-----------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|-----------|------|----|
| DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962 TOWN OF ORANGEBURG NEW YORK | GRADING AND DRAINAGE PLAN | KHA PROJECT 112117011 | | Kimley»Horn © 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10601 PHONE: 914-368-8200 WWW.KIMLEY-HORN.COM | NOT FOR CONSTRUCTION | DATE 01-27-2022 | REVISIONS | DATE | BY |
| | | SCALE: AS SHOWN | | | | DESIGNED BY: | | | |

SHEET NUMBER
C-4.0



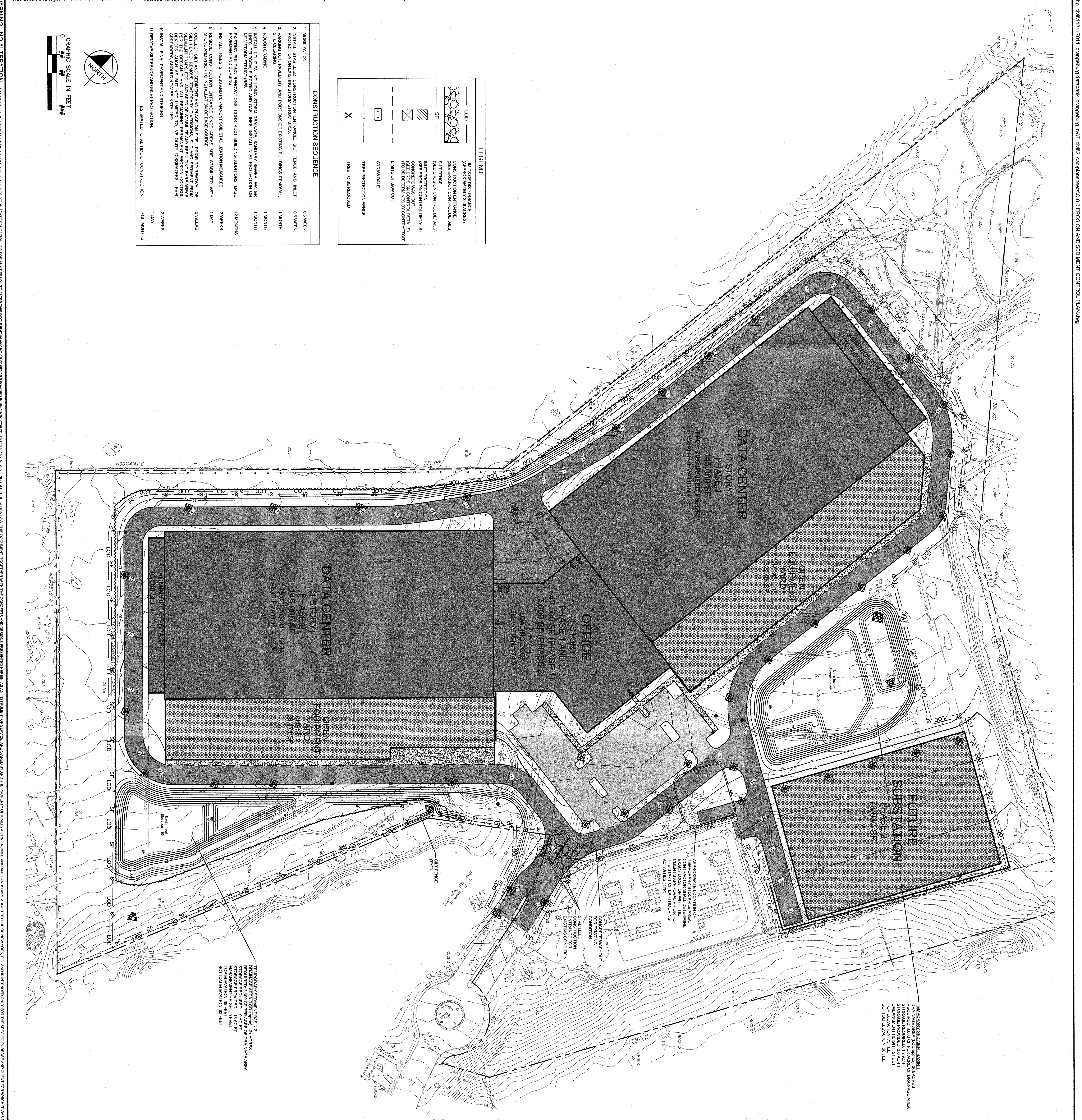
LEGEND

| | |
|--|-----------------------------------------------|
| | LOT LINE |
| | PROPOSED SANITARY LINE |
| | PROPOSED WATER LINE |
| | PROPOSED GAS LINE |
| | PROPOSED ELECTRIC LINE |
| | PROPOSED TELECOMMUNICATIONS LINE |
| | PROPOSED CABLE LINE |
| | PROPOSED MANHOLE |
| | PROPOSED SEWER CLEANOUT |
| | PROPOSED WATER VALVE, BENDS, AND FIRE HYDRANT |
| | PROPOSED STORM DRAINAGE STRUCTURE |
| | PROPOSED STORM DRAINAGE PIPE |



| | | | | | | | | |
|----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------|--------------------|------------------------|
| DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962 TOWN OF ORANGEBURG NEW YORK | UTILITY PLAN | KHA PROJECT 112117011 | | Kimley»Horn © 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10601 PHONE: 914-368-0201 WWW.KIMLEY-HORN.COM | NOT FOR CONSTRUCTION | DATE 01-27-2022 | NO. 2 REVISIONS | DATE 05/13/22 BY KH |
| | | SCALE: AS SHOWN DESIGNED BY: DRAWN BY: BMD CHECKED BY: MWJ | | | | NO. 2 REVISIONS | | DATE 04/14/22 BY KH |

SHEET NUMBER
C-5.0



CONSTRUCTION SEQUENCE

1. MOBILIZATION - 0.5 WEEK
2. INITIAL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE AND INLET PROTECTION ON EXISTING STORM STRUCTURES - 0.5 WEEK
3. EXISTING LOT PAVEMENT AND PORTIONS OF EXISTING BUILDINGS REMOVAL - 1 MONTH
4. ROOF DEMOLITION - 1 MONTH
5. INITIAL UTILITIES INCLUDING STORM SEWERAGE, SANITARY SEWERS, WATER MAINS, AND GAS LINES. INITIAL INLET PROTECTION ON NEW STORM STRUCTURES - 1 MONTH
6. EXISTING BUILDING RENOVATIONS. CONSTRUCT BUILDING ADDITIONS, BASE PAVEMENT AND DRIVEWAYS - 12 MONTHS
7. INSTALL TREES, SHRUBS AND PERMANENT SOIL STABILIZATION MEASURES - 2 WEEKS
8. REMOVE CONSTRUCTION ENTRANCE ONCE AREAS ARE STABILIZED WITH STONE AND FINISH INSTALLATION OF BASE COURSE - 1 DAY
9. COLLECT SOIL AND SEEDING AND PLACE ON SITE. PRIOR TO REMOVAL OF EXISTING LOT PAVEMENT AND PORTIONS OF EXISTING BUILDINGS, CONDUCT SOIL TESTING, ETC. AND SOW SEED OR STABILIZE ANY EXISTING LOT AREAS. SEEDING SHOULD BE LIMITED TO VELOCITY DISSIPATORS, LIME SPREADERS SHOULD NOW BE INSTALLED.
10. INSTALL FINAL PAVEMENT AND STRIPING - 2 WEEKS
11. REMOVE SILT FENCE AND INLET PROTECTION - 1 DAY

ESTIMATED TOTAL TIME OF CONSTRUCTION: ~18 MONTHS

LEGEND

- LOO - LIMIT OF DISTURBANCE (APPROXIMATELY 25 FEET FROM CONSTRUCTION ENTRANCE (SEE EROSION CONTROL DETAILS))
- SF - STORM FLOOR FINISH (TO BE DETERMINED BY CONTRACTOR)
- INLET PROTECTION (SEE EROSION CONTROL DETAILS)
- CONCRETE WASHOUT (TO BE DETERMINED BY CONTRACTOR)
- LIMITS OF SAW CUT
- STRAW BALE
- TP - THREE PROTECTION FENCE (TO BE REMOVED)
- X - THREE PROTECTION FENCE (TO BE REMOVED)

TEMPORARY SEDIMENT BASIN 1

DRAINAGE AREA: 100,000 SF

STORAGE CAPACITY: 20,000 GALLONS

STORAGE REQUIRED: 2.0 ACFT

TOP ELEVATION: 71.5 FT

BOTTOM ELEVATION: 61 FEET

TEMPORARY SEDIMENT BASIN 2

DRAINAGE AREA: 100,000 SF

STORAGE CAPACITY: 20,000 GALLONS

STORAGE REQUIRED: 1.8 ACFT

TOP ELEVATION: 71.5 FT

BOTTOM ELEVATION: 61 FEET

GENERAL NOTES

1. ALL EROSION MEASURES SHALL BE INSTALLED AND MAINTAINED PER NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, DATED NOVEMBER 2010, OR LATEST REVISION THEREOF.
2. THE OWNER SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
3. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
4. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
5. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
6. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
7. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
8. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
9. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.
10. THE CONTRACTOR SHALL MAINTAIN ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION OPERATIONS FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION TO THE DATE OF COMPLETION OF CONSTRUCTION OPERATIONS.

EROSION AND SEDIMENT CONTROL PLAN

KHA PROJECT: 112117011

DATE: 01-27-2022

SCALE: AS SHOWN

DESIGNED BY: [Name]

DRAWN BY: BMD

CHECKED BY: MWJ

Kimley-Horn

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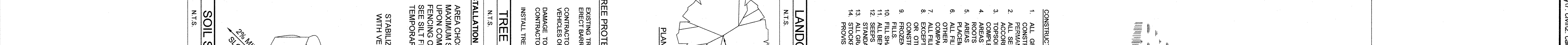
| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 1 | 50% DGS | 03/29/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |

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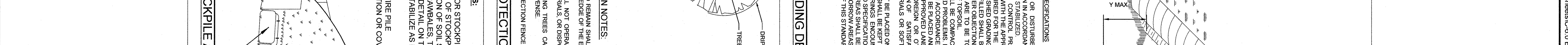
CONSTRUCTION SPECIFICATIONS. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEANING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL THEY ARE



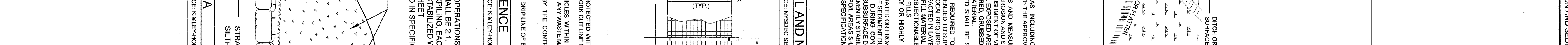
LANDGRADING DETAIL AND NOTES
SOURCE: INTERSEC SIEG BLUE BOOK



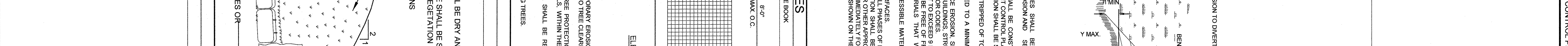
STONE CHECK DAM
SOURCE: INTERSEC SIEG BLUE BOOK



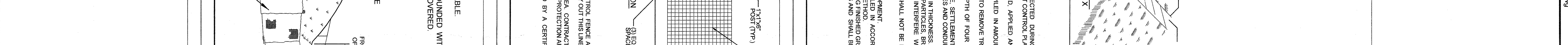
STRAW BALE - EMBEDDED
SOURCE: IMBELY-VORN



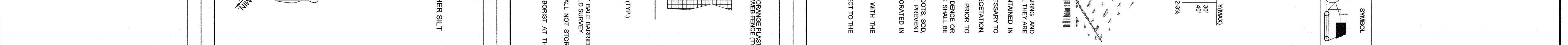
EROSION CONTROL BLANKET (ERONET P300)
SOURCE: NORTH HAVEN GREEN



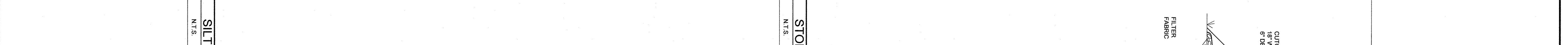
SOIL STOCKPILE AREA
SOURCE: KIMLEY-HORN



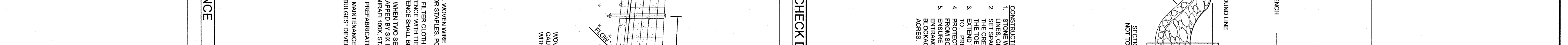
SILT FENCE
SOURCE: INTERSEC SIEG BLUE BOOK



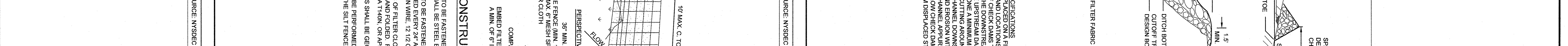
STABILIZED CONSTRUCTION ENTRANCE
SOURCE: INTERSEC SIEG BLUE BOOK



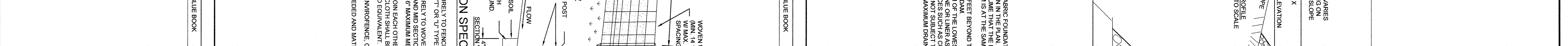
CONCRETE WASHOUT AREA
SOURCE: INTERSEC SIEG BLUE BOOK



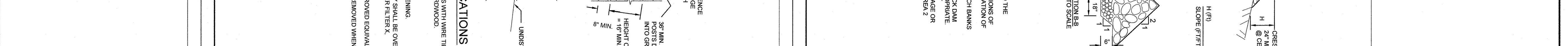
STRAW BALE ANCHOR SECTIONS



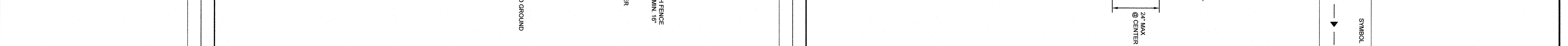
TREE PROTECTION FENCE
SOURCE: KIMLEY-HORN



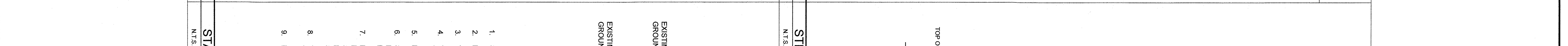
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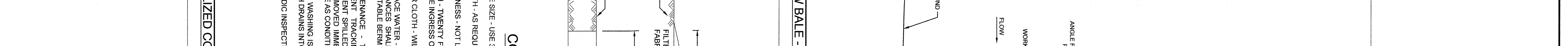
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SOURCE: INTERSEC SIEG BLUE BOOK



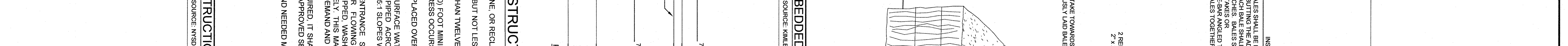
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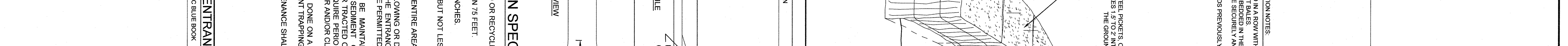
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SOURCE: INTERSEC SIEG BLUE BOOK



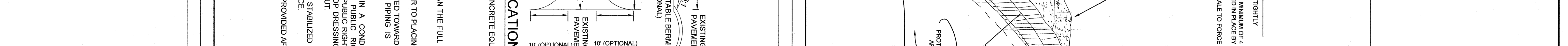
STRAW BALE ANCHOR SECTIONS



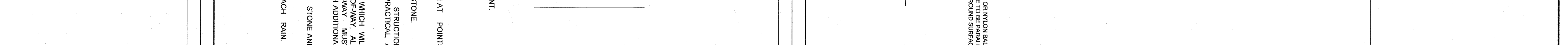
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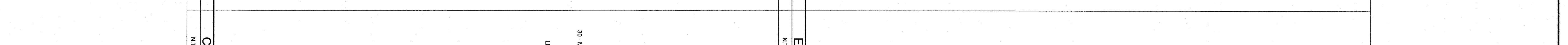
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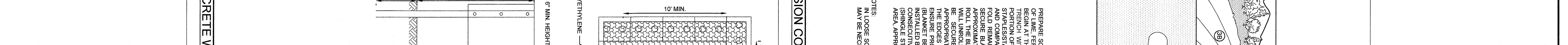
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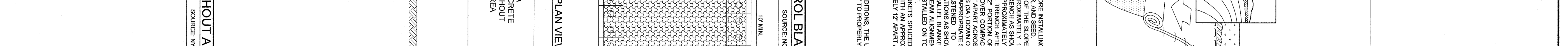
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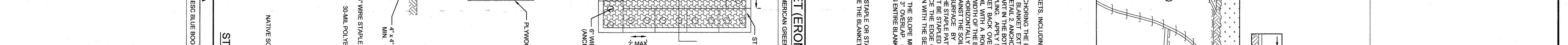
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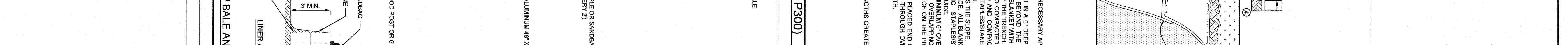
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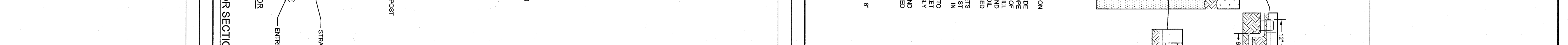
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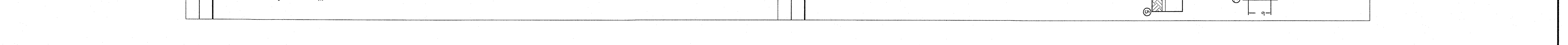
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SILT FENCE
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STABILIZED CONSTRUCTION ENTRANCE
SOURCE: INTERSEC SIEG BLUE BOOK



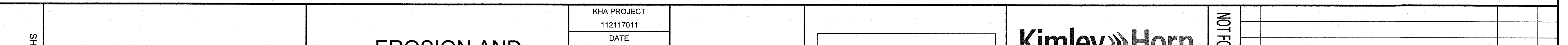
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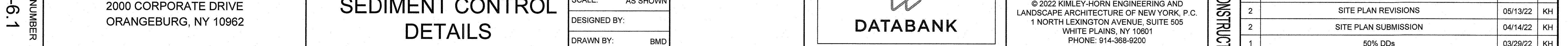
STRAW BALE ANCHOR SECTIONS



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SOURCE: KIMLEY-HORN



SOIL STOCKPILE AREA
SOURCE: KIMLEY-HORN



SILT FENCE
SOURCE: INTERSEC SIEG BLUE BOOK



STABILIZED CONSTRUCTION ENTRANCE
SOURCE: INTERSEC SIEG BLUE BOOK

| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% DDs | 03/29/22 | KH |

NOT FOR CONSTRUCTION

EROSION AND SEDIMENT CONTROL PLAN

KHA PROJECT
112117011
DATE: 01-27-2022
SCALE: AS SHOWN
DESIGNED BY: AS SHOWN
DRAWN BY: BMD
CHECKED BY: MWJ

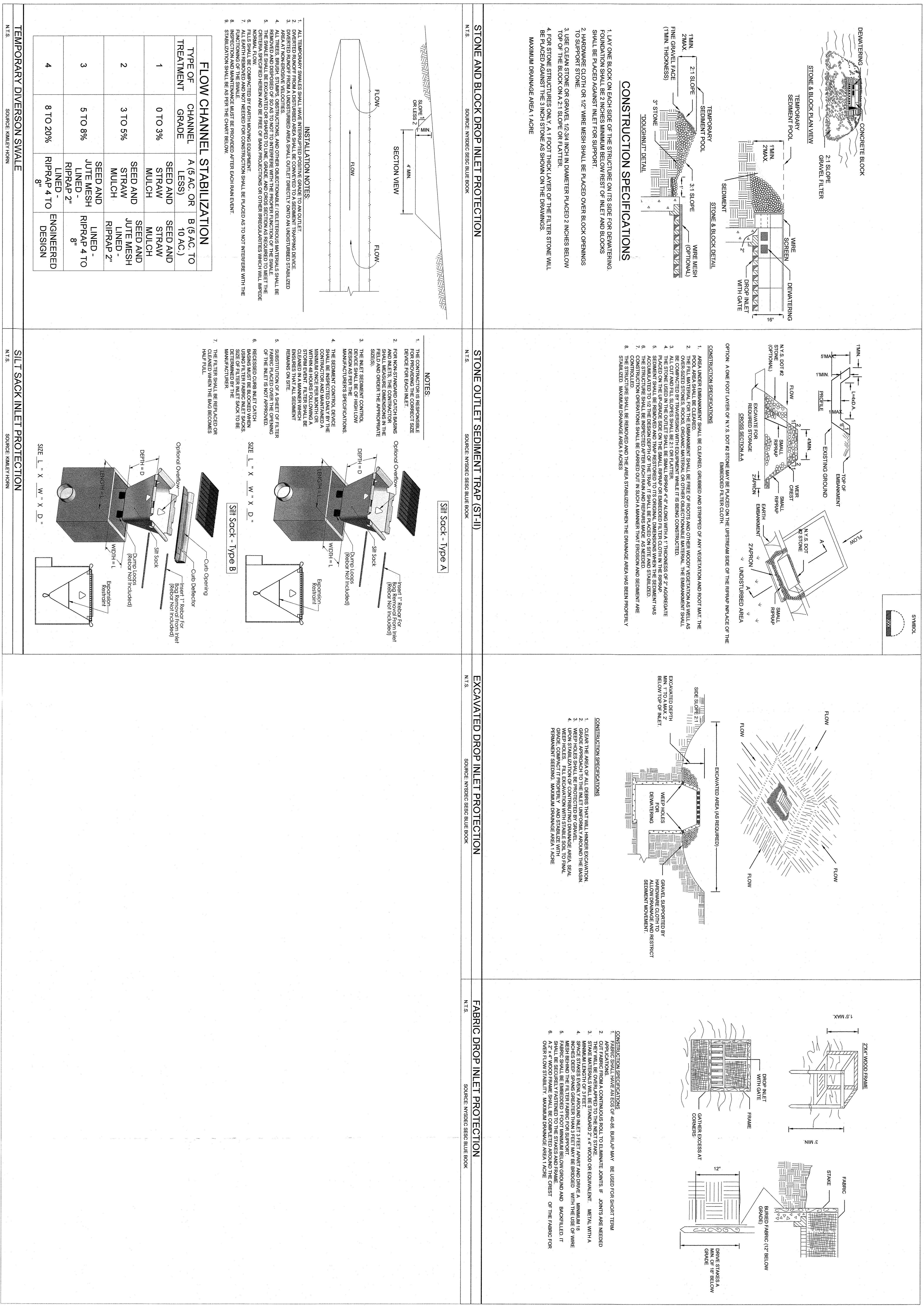
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WHITE PLAINS, NY 10601
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WWW.KIMLEY-HORN.COM

DATABANK

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962

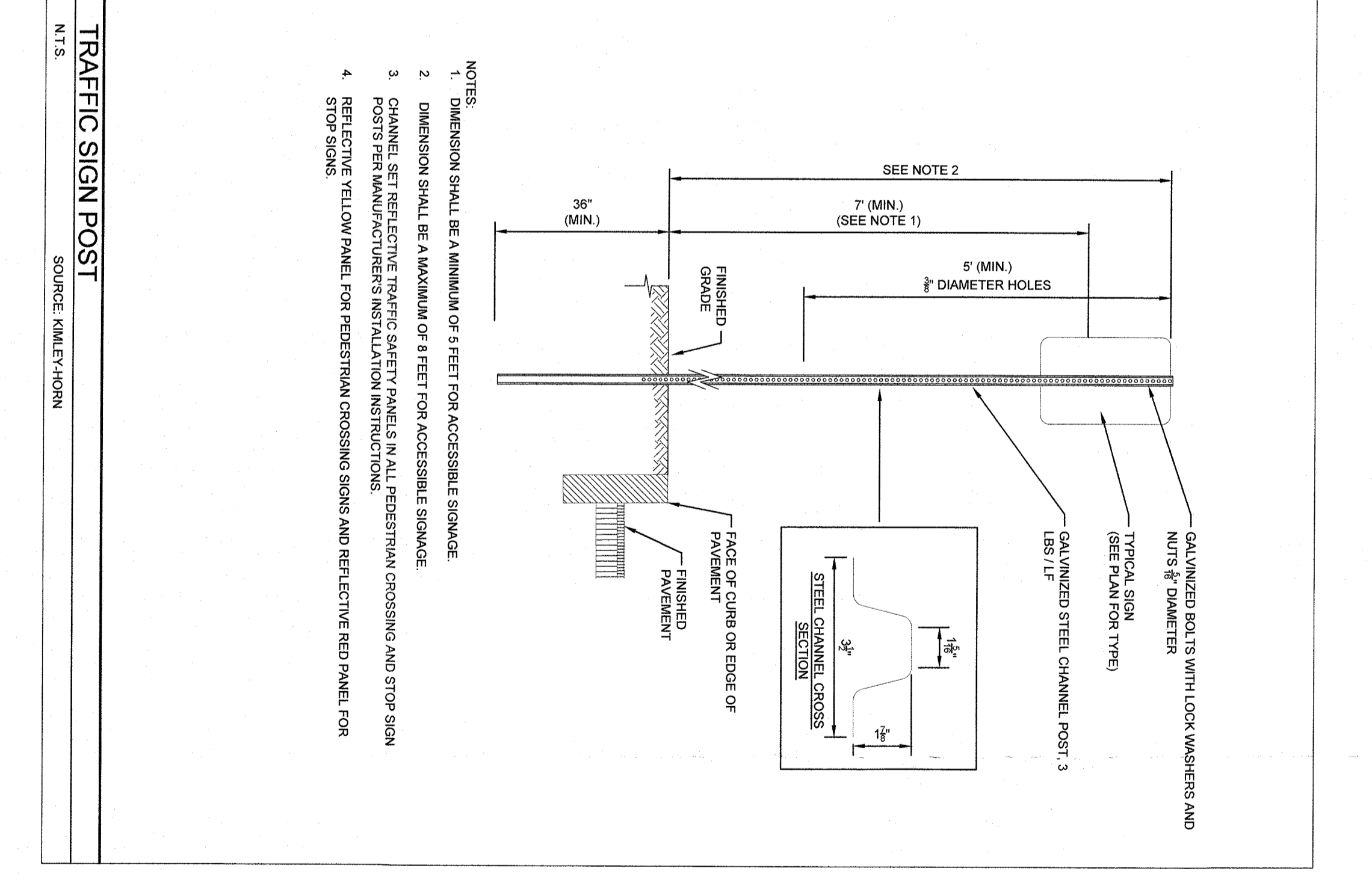
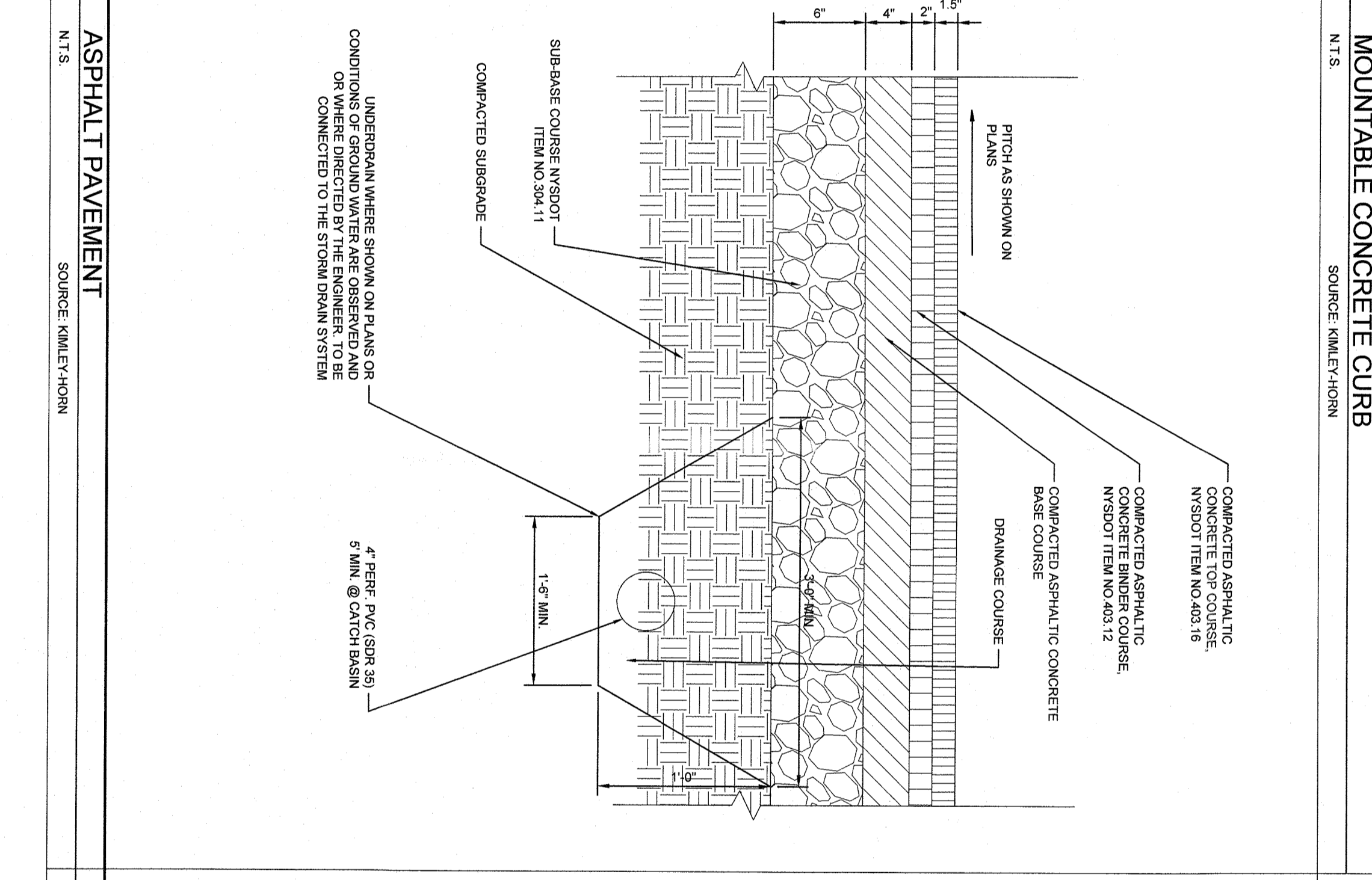
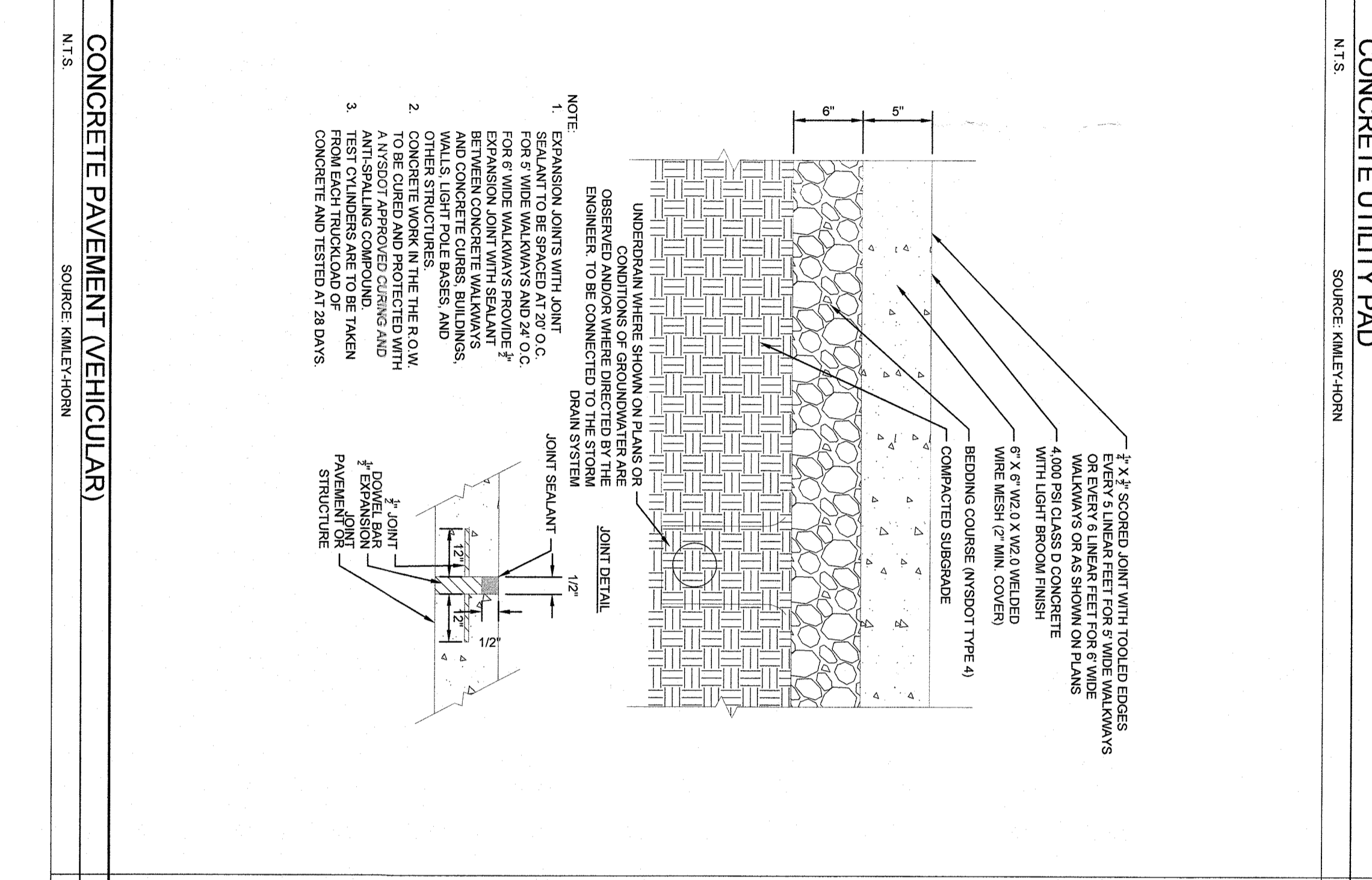
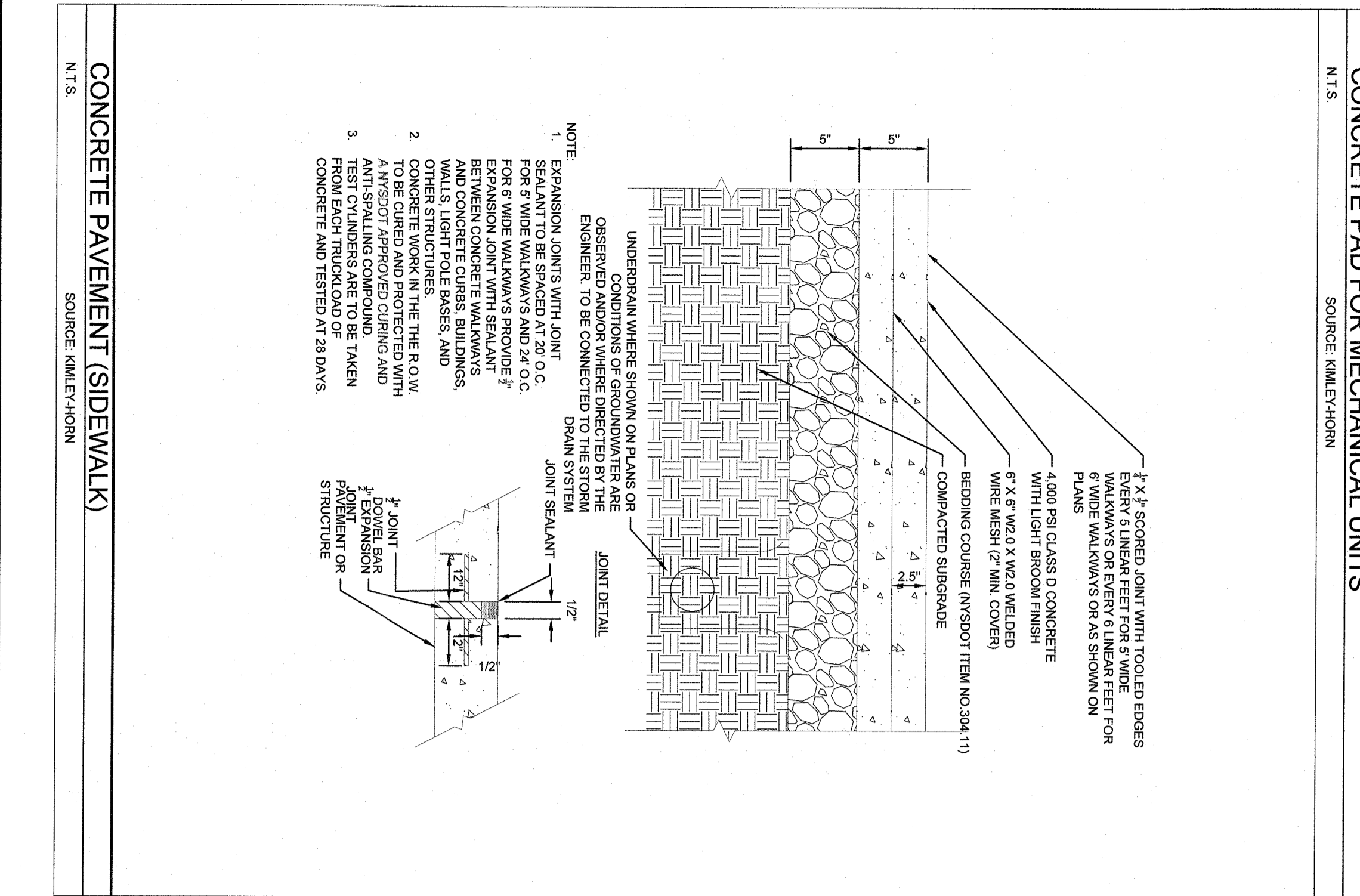
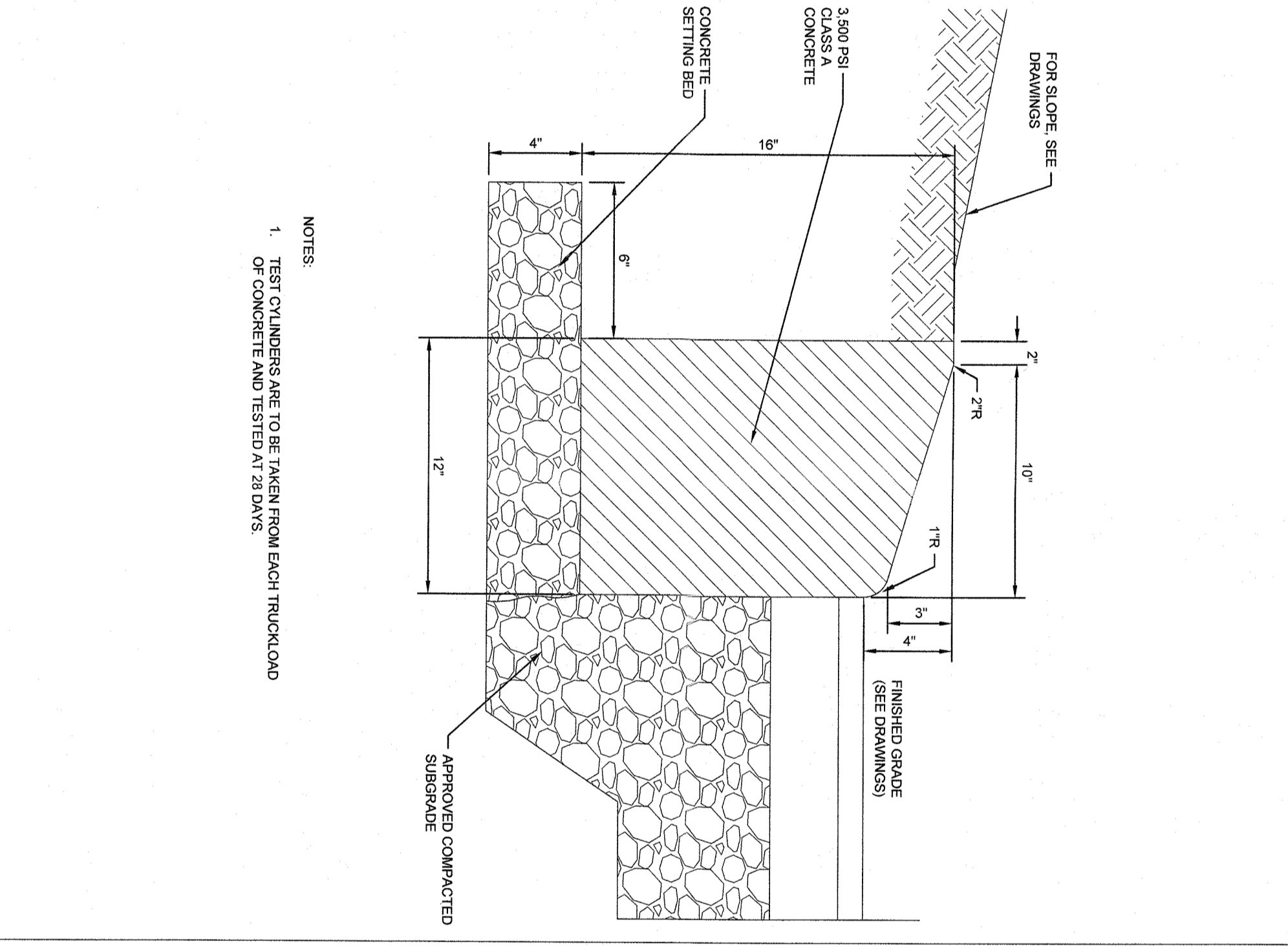
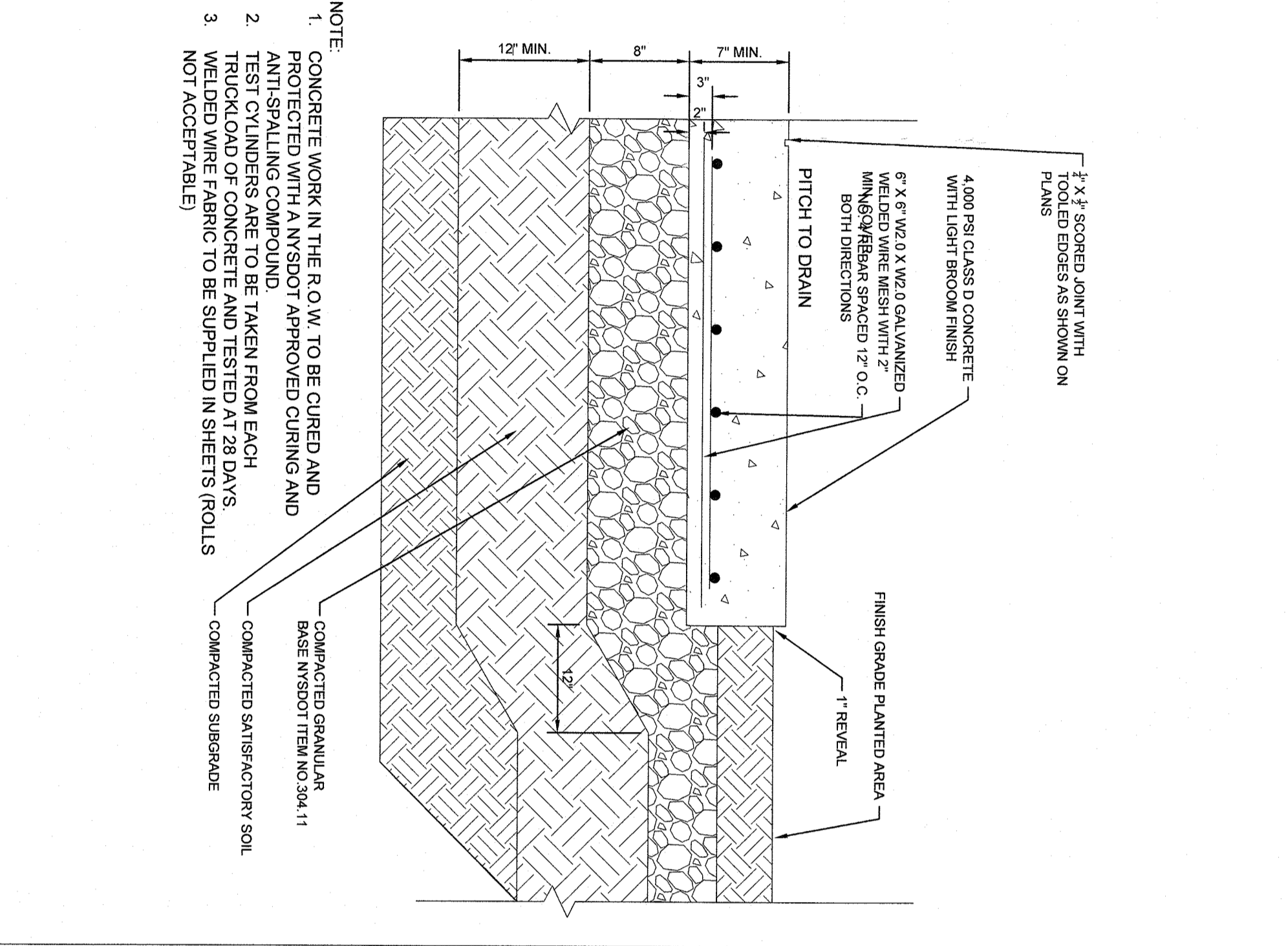
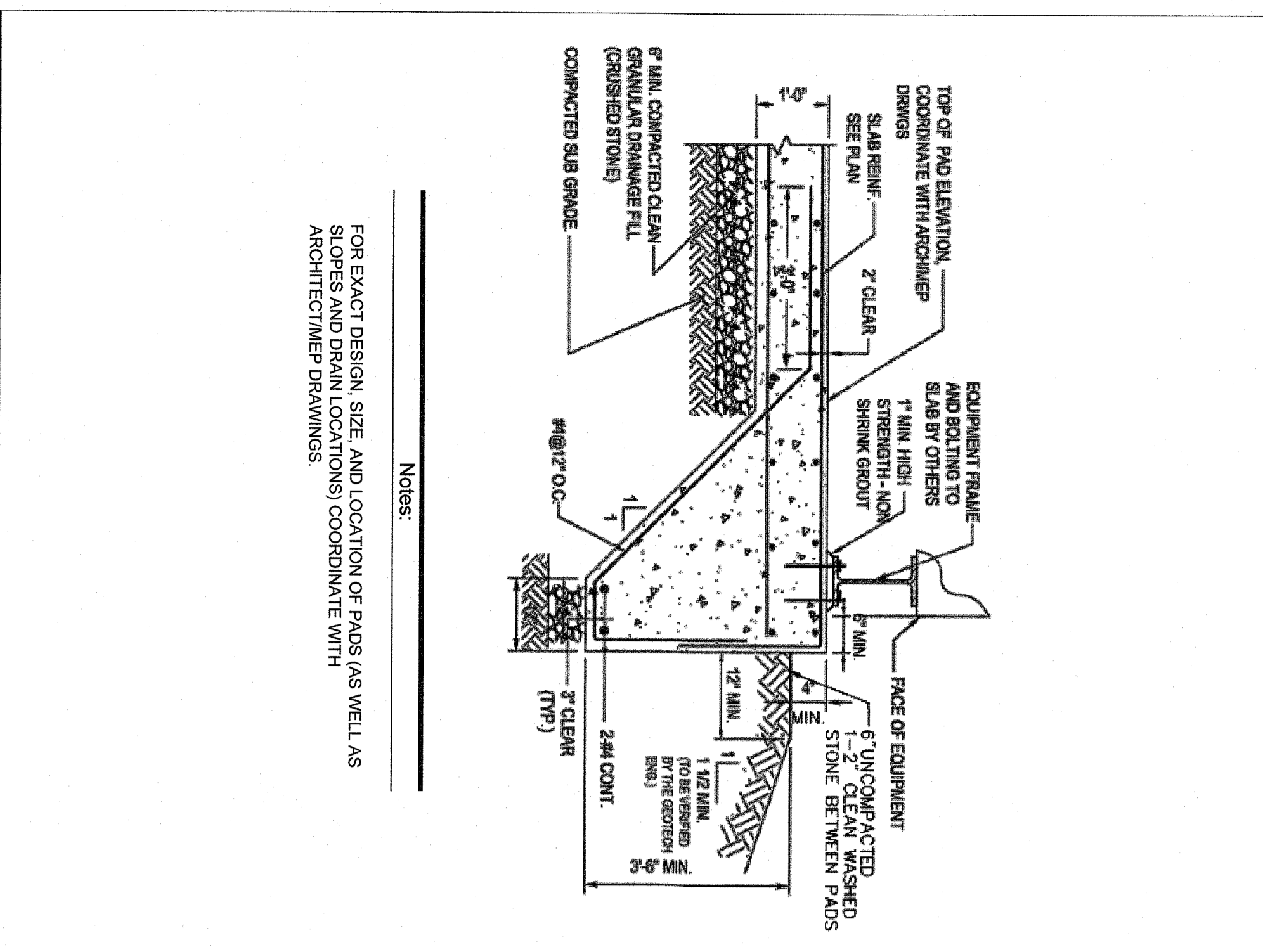
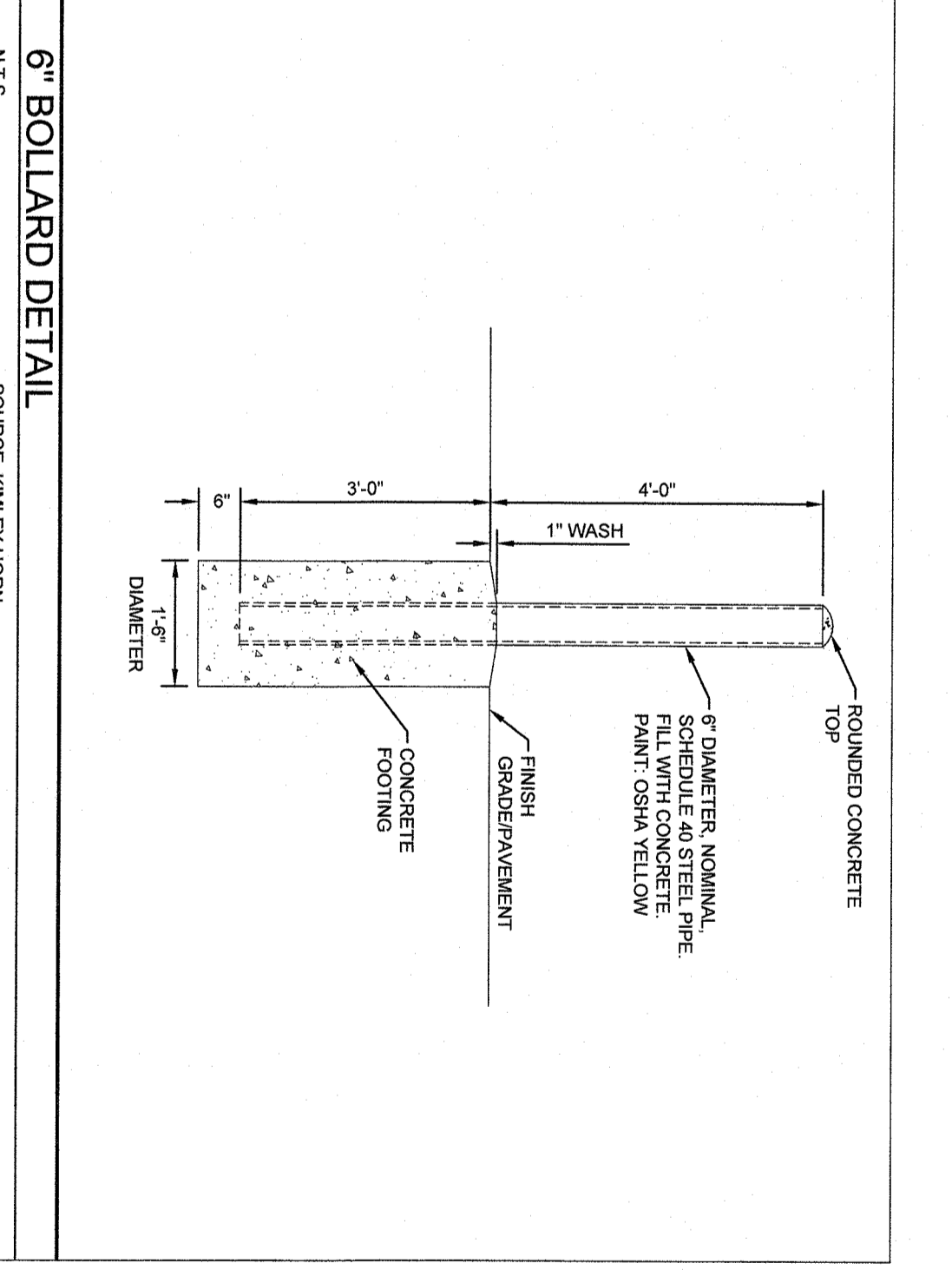
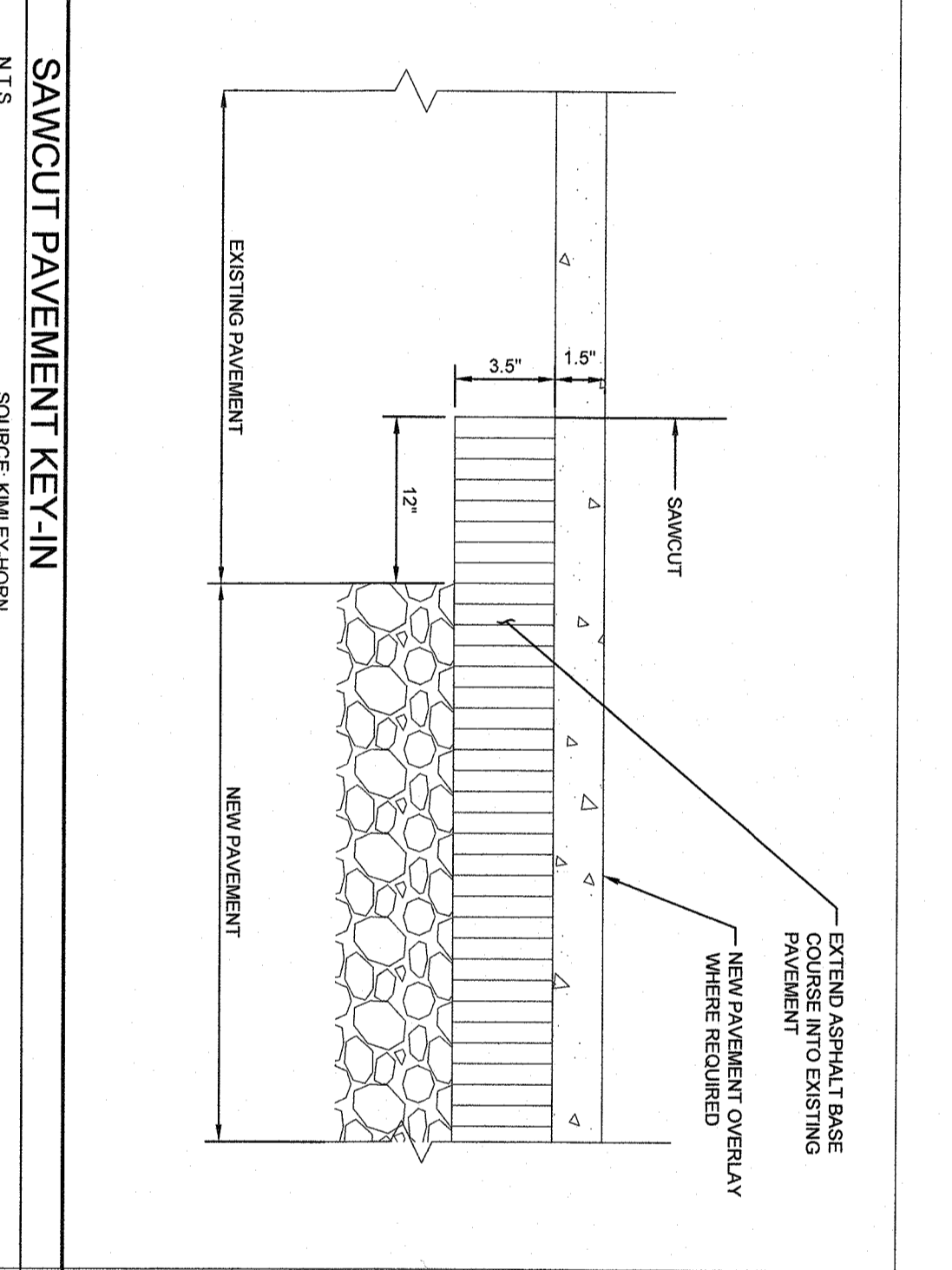
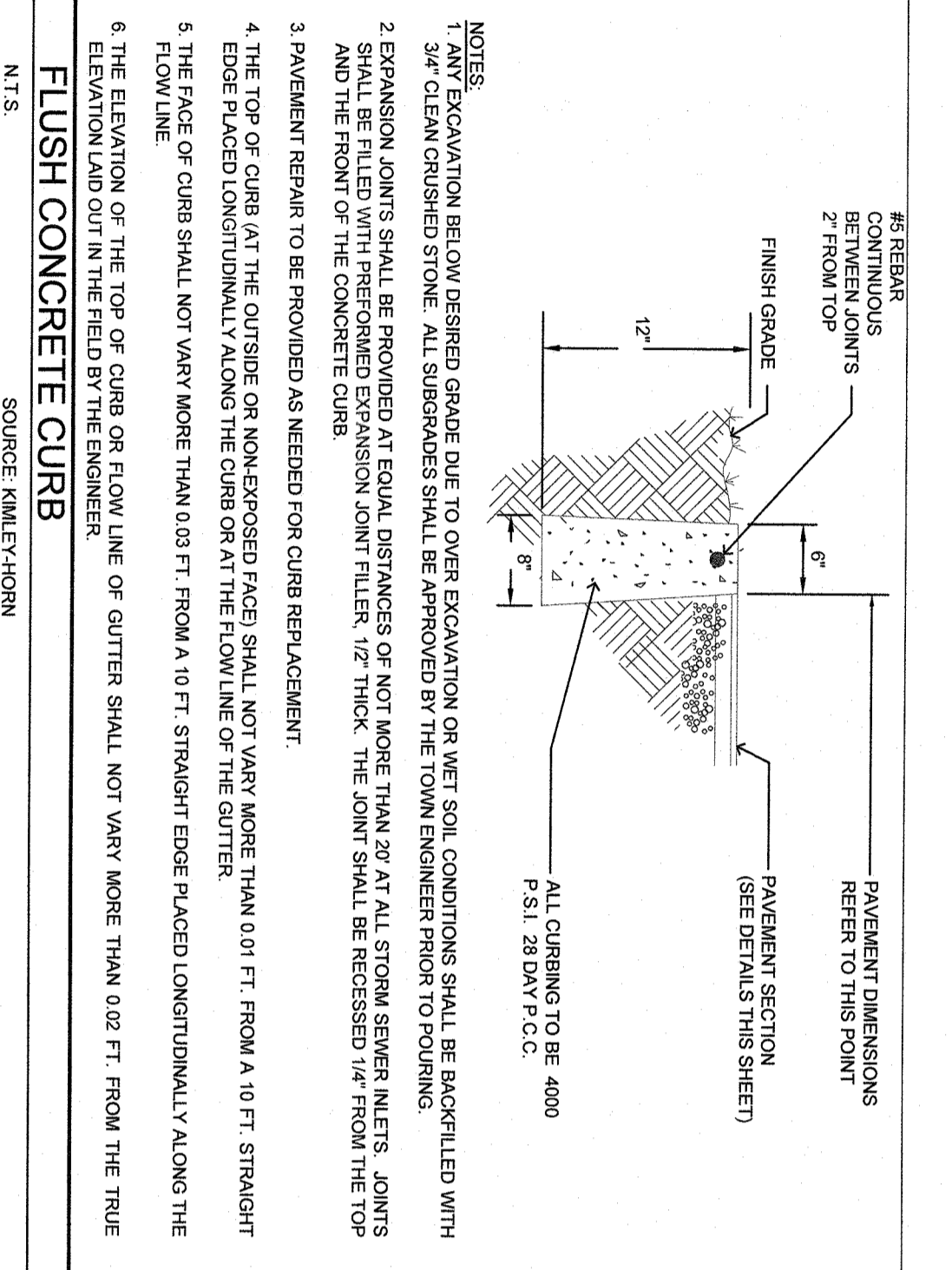
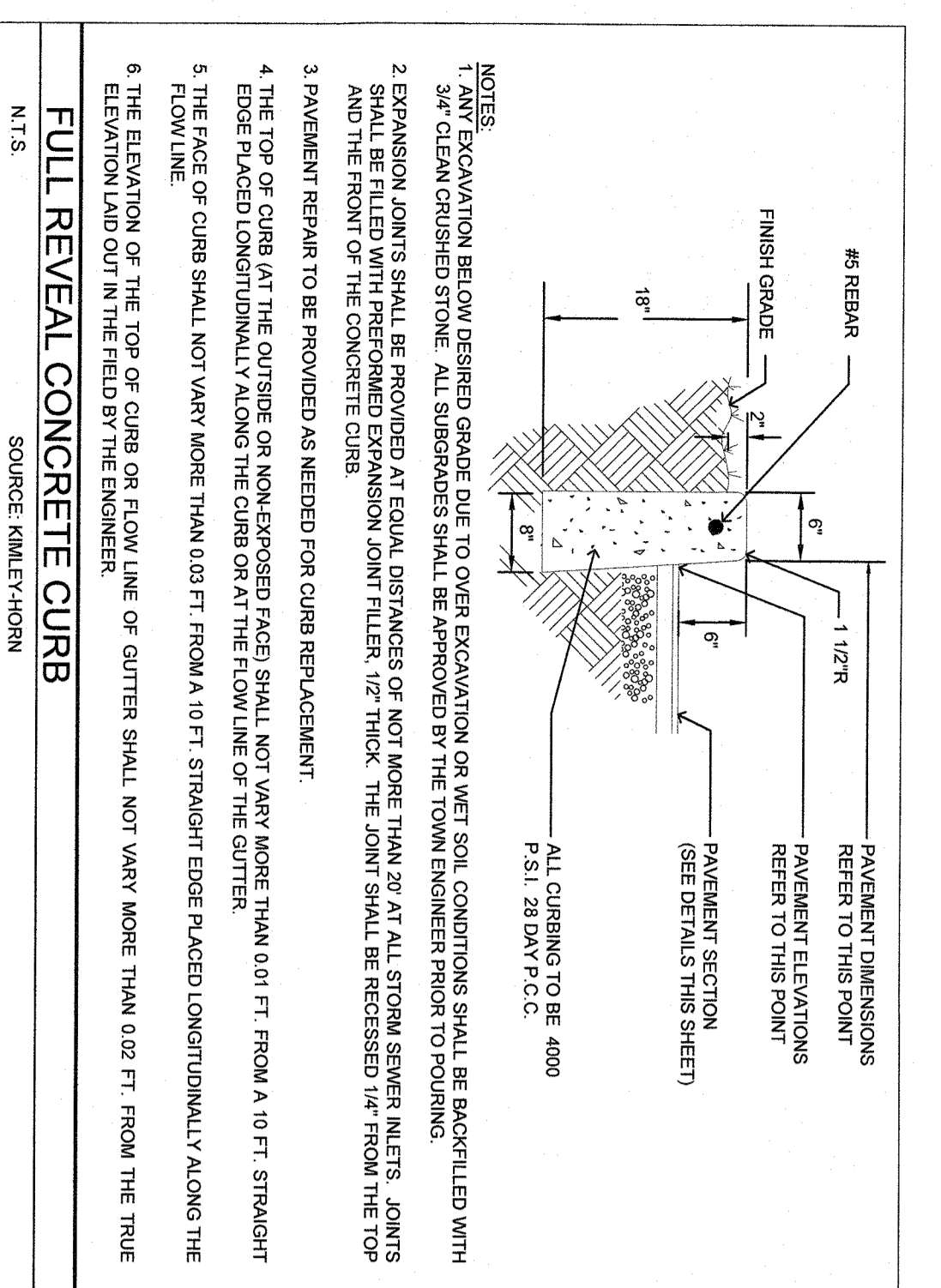
TOWN OF ORANGEBURG
NEW YORK

SHEET NUMBER
C-6.1



| TYPE OF TREATMENT | CHANNEL GRADE | A (6 AC. OR LESS) | B (6 AC. TO 10 AC.) |
|-------------------|---------------|--------------------------------------|-------------------------------------------|
| 1 | 0 TO 3% | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3 TO 5% | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 3 | 5 TO 8% | SEED AND JUTE MESH LINED - RIPRAP 2" | SEED AND JUTE MESH LINED - RIPRAP 4 TO 8" |
| 4 | 8 TO 20% | RIPRAP 4 TO 8" | ENGINEERED DESIGN |

| TYPE OF TREATMENT | CHANNEL GRADE | A (6 AC. OR LESS) | B (6 AC. TO 10 AC.) |
|-------------------|---------------|--------------------------------------|-------------------------------------------|
| 1 | 0 TO 3% | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3 TO 5% | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 3 | 5 TO 8% | SEED AND JUTE MESH LINED - RIPRAP 2" | SEED AND JUTE MESH LINED - RIPRAP 4 TO 8" |
| 4 | 8 TO 20% | RIPRAP 4 TO 8" | ENGINEERED DESIGN |



| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% Dds | 03/29/22 | KH |
| 1 | | | |

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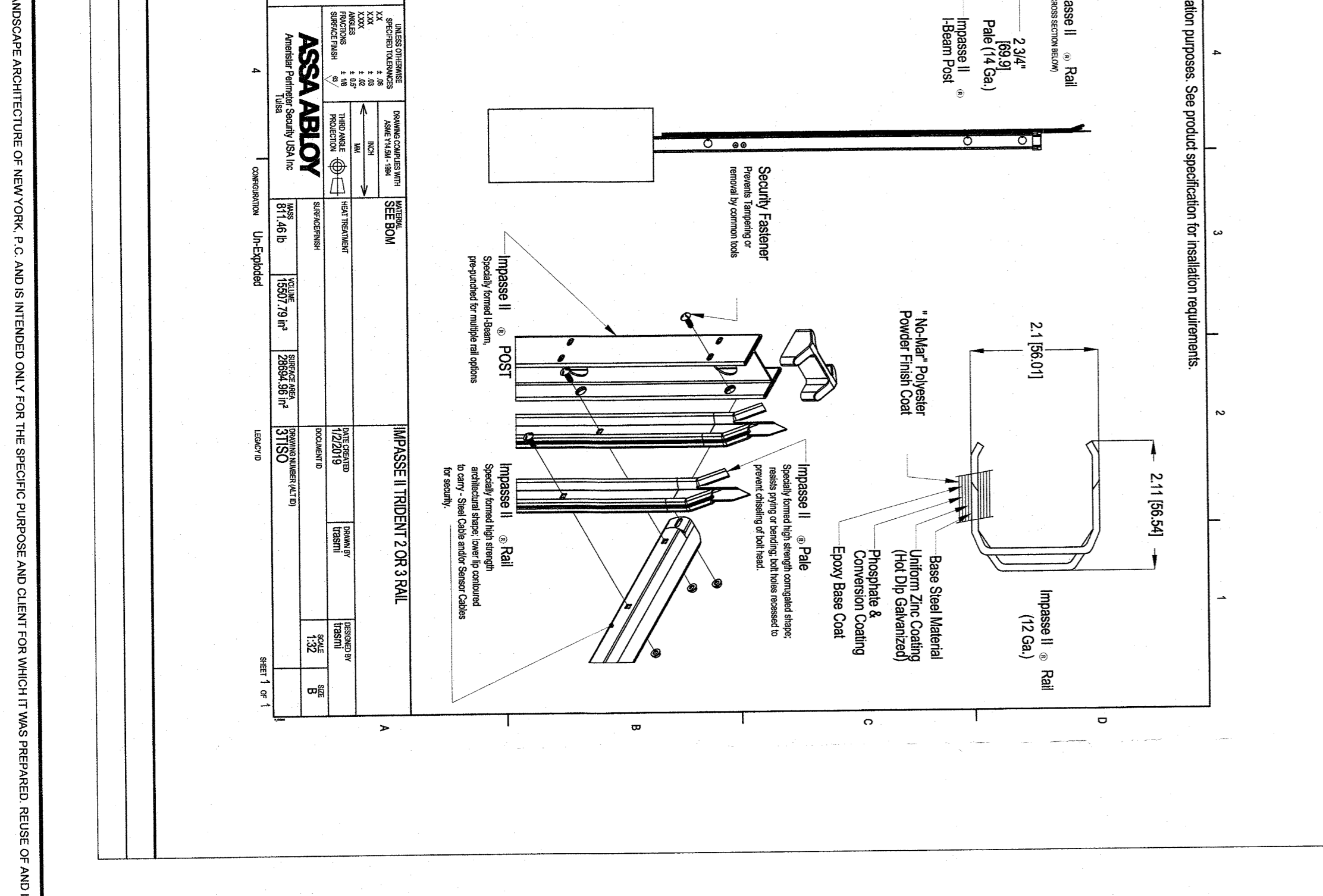
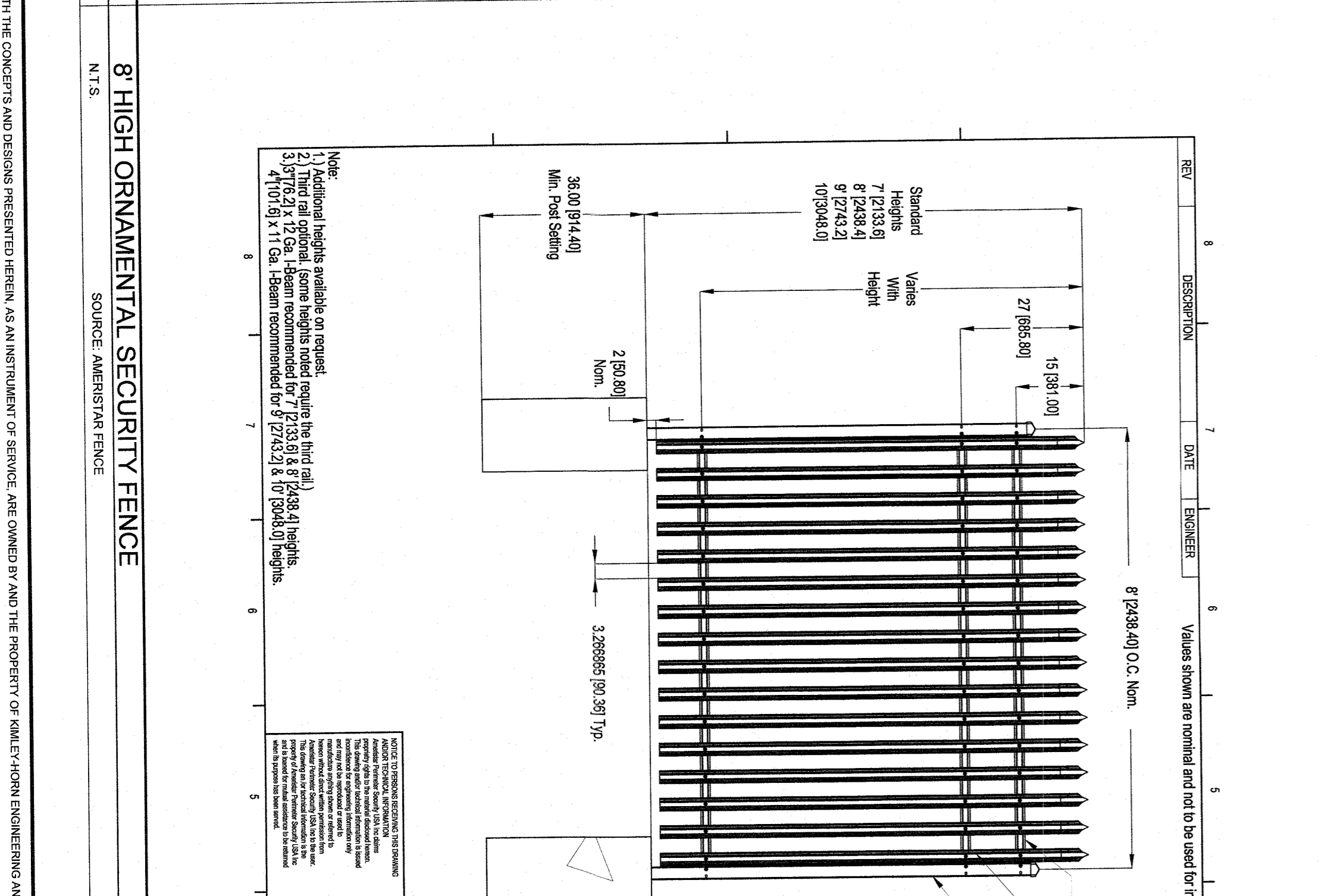
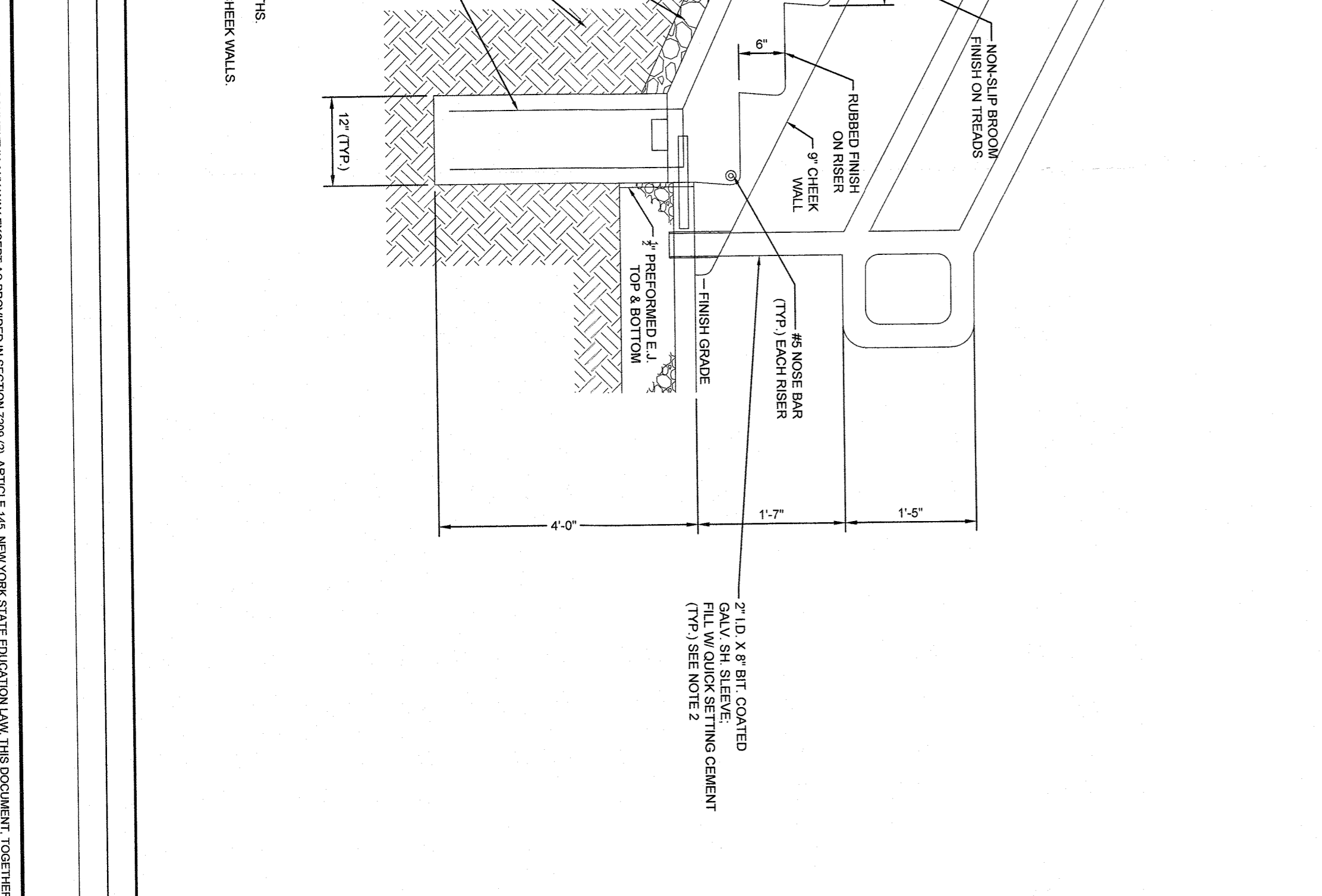
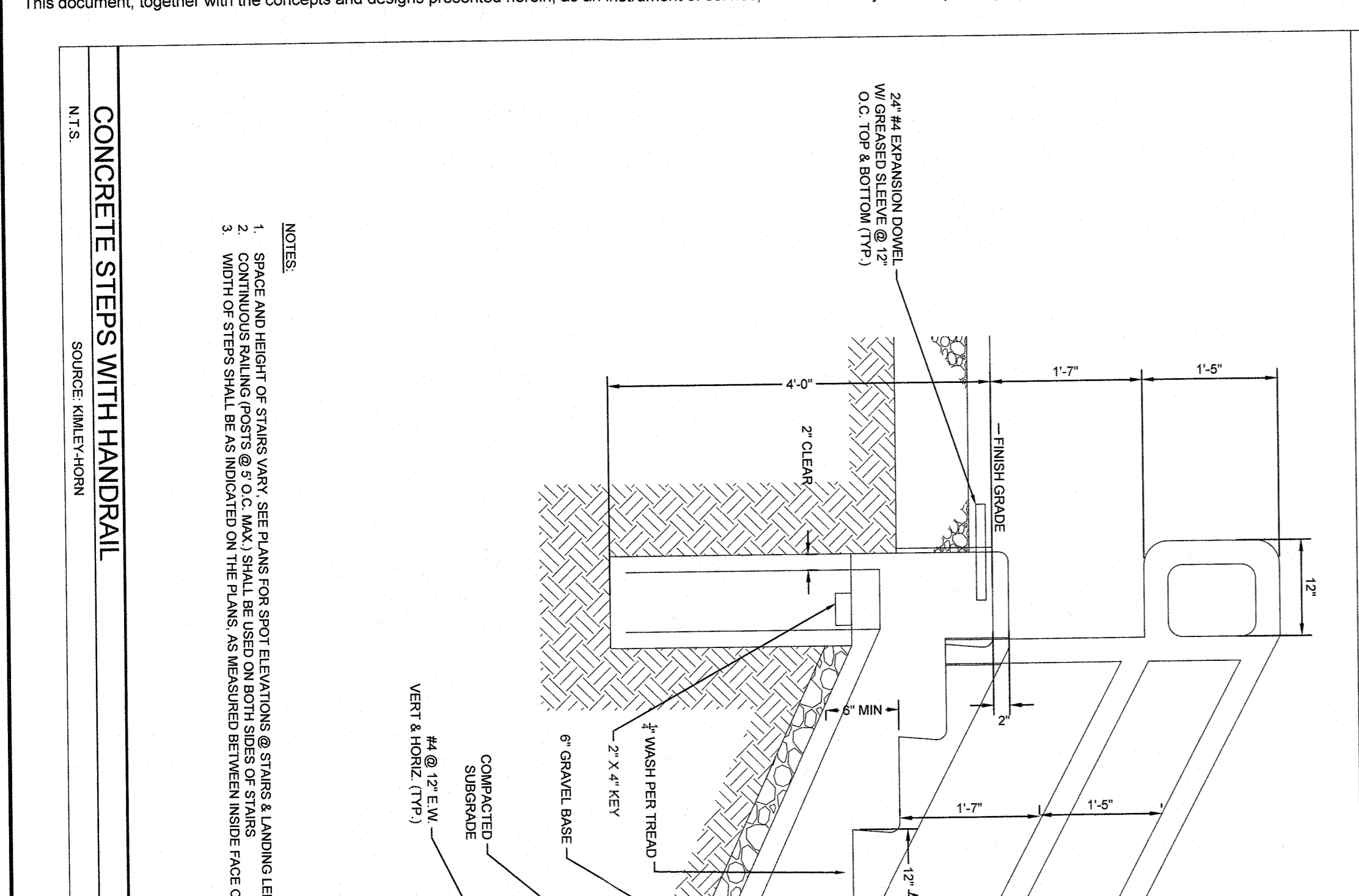
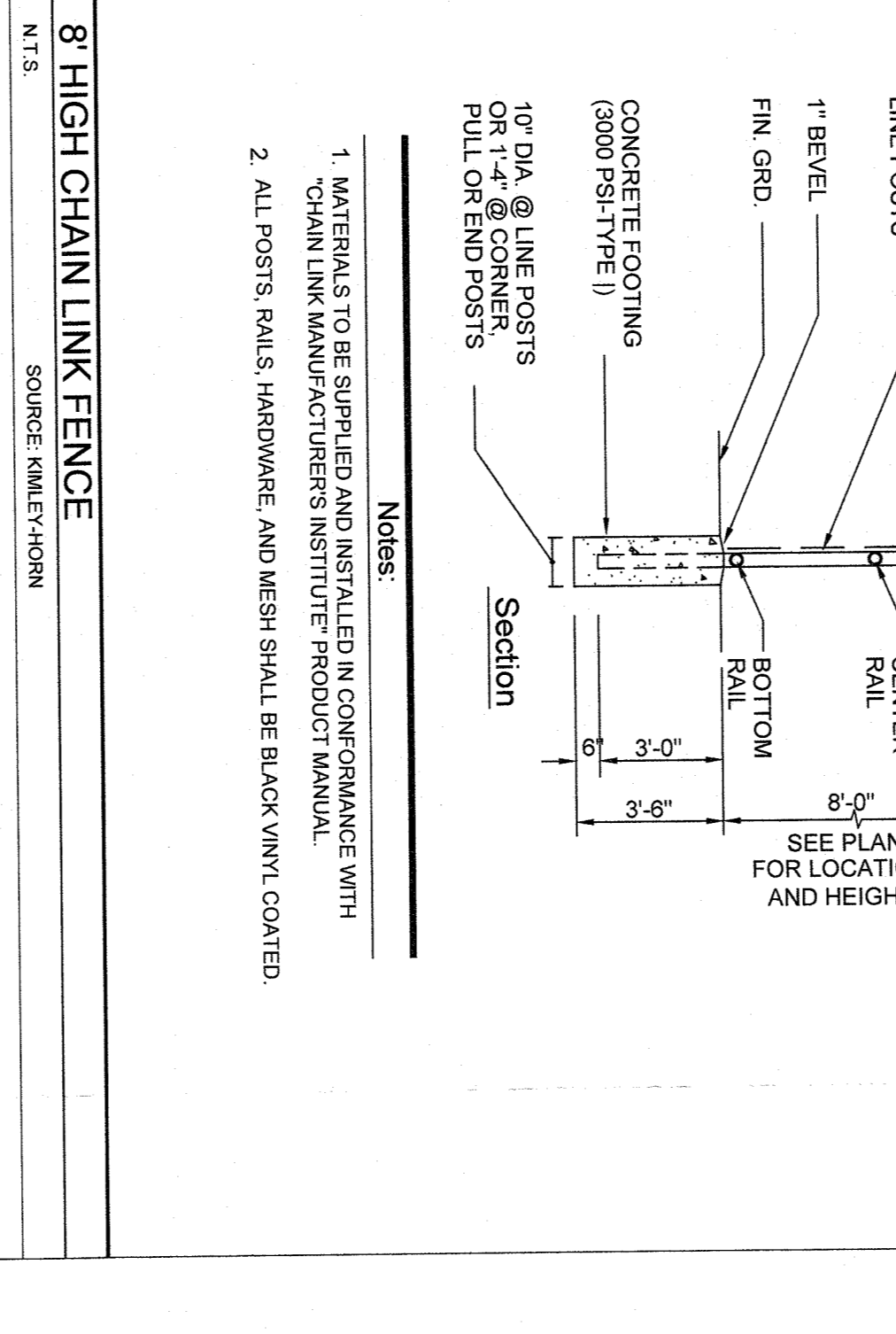
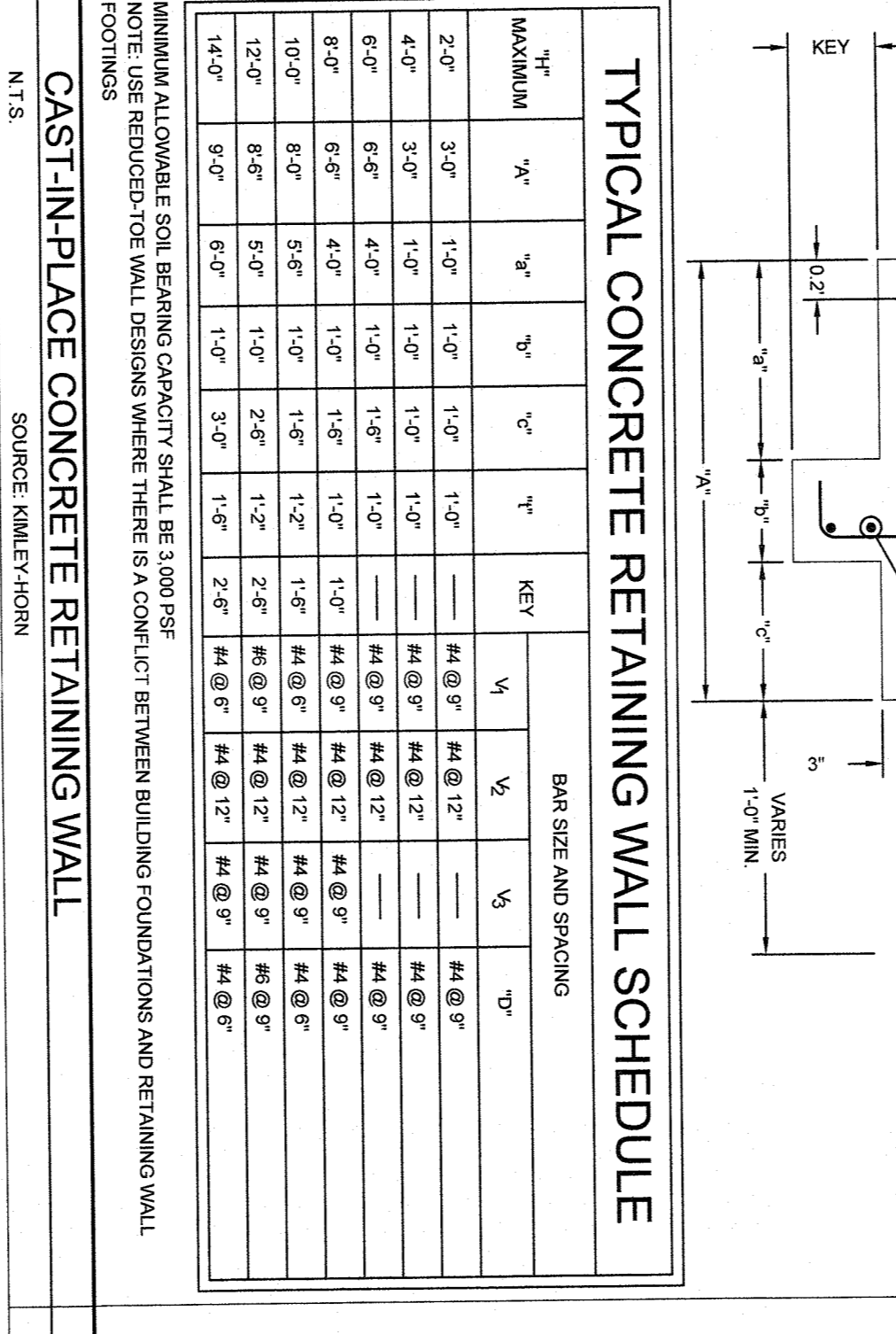
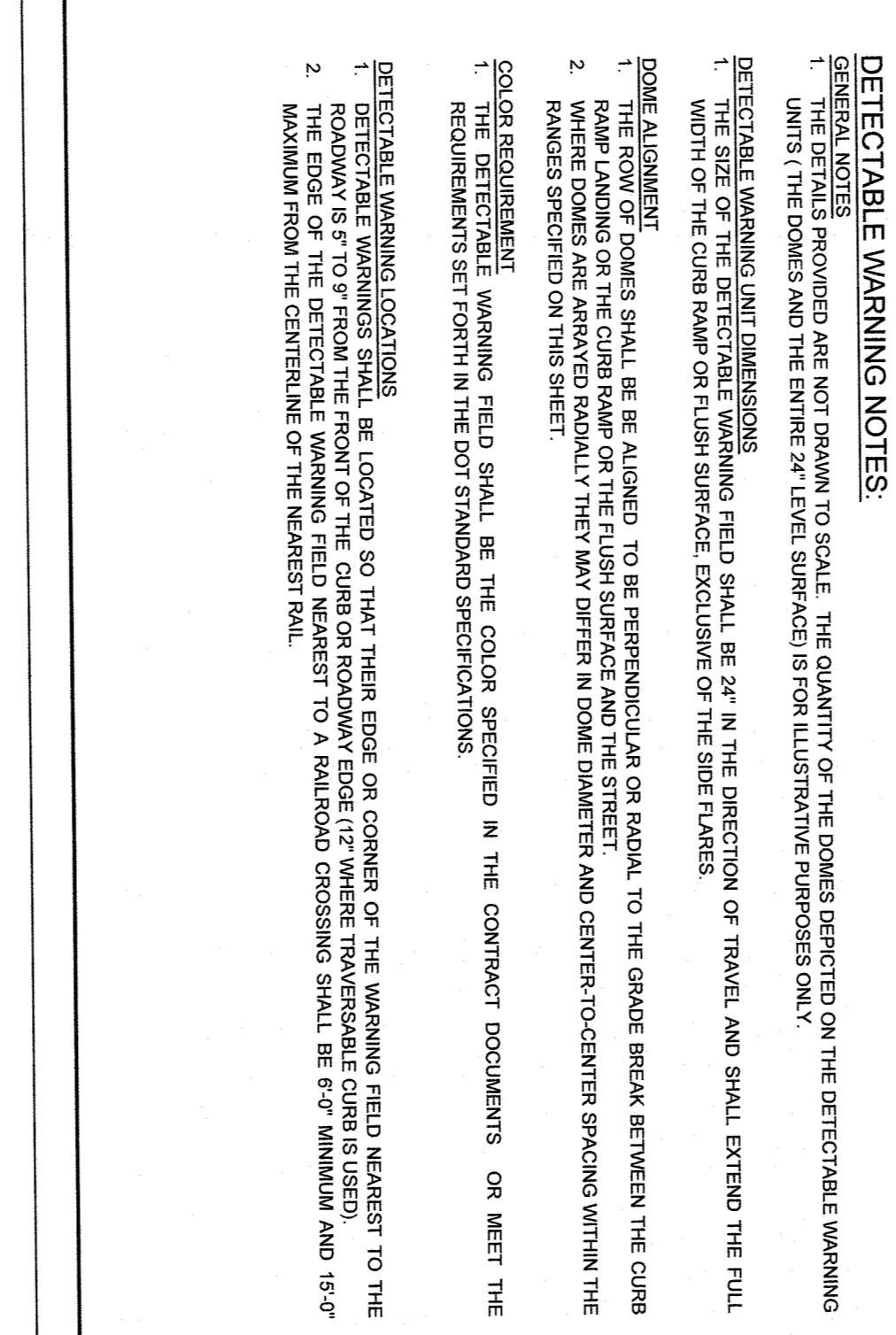
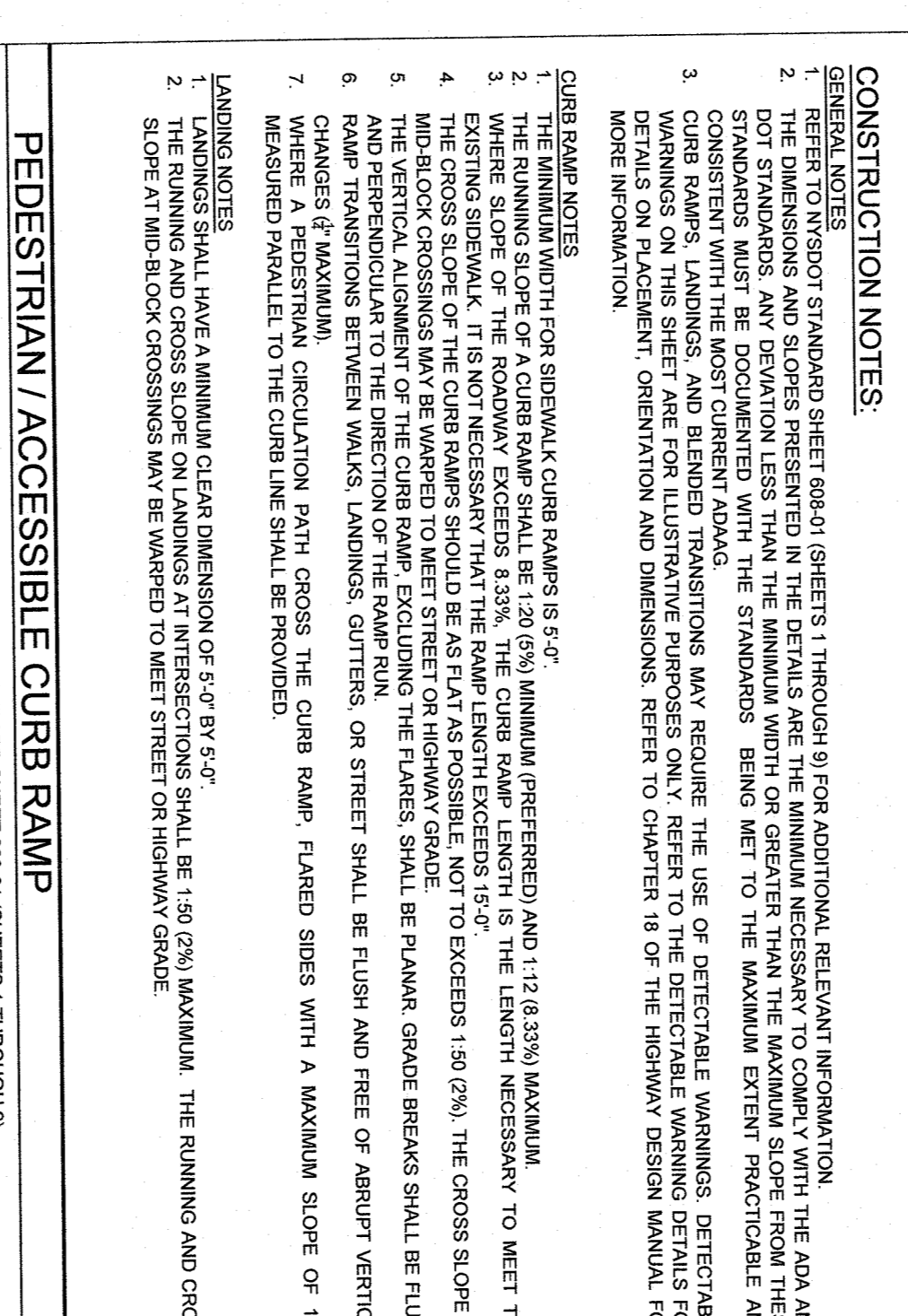
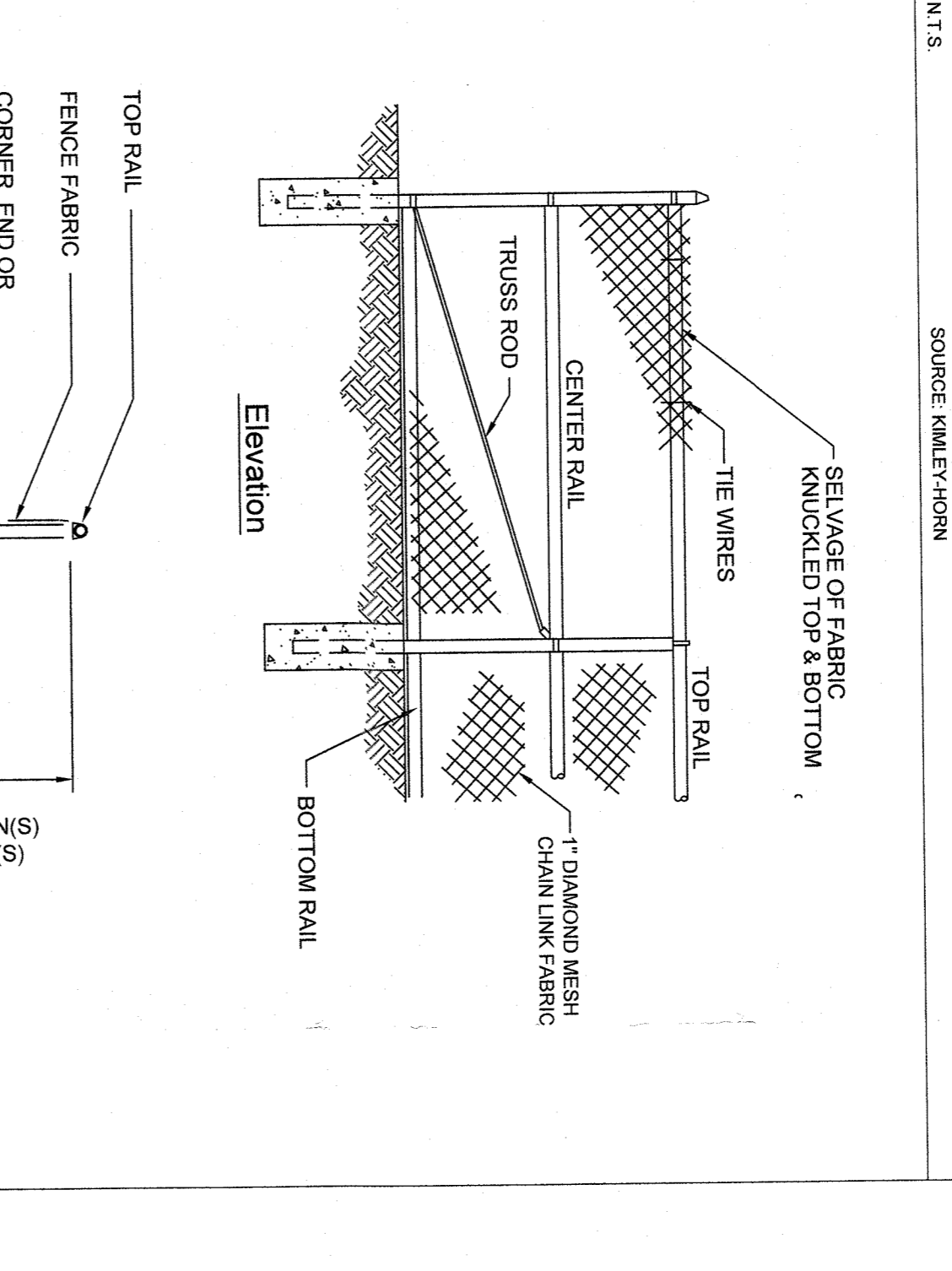
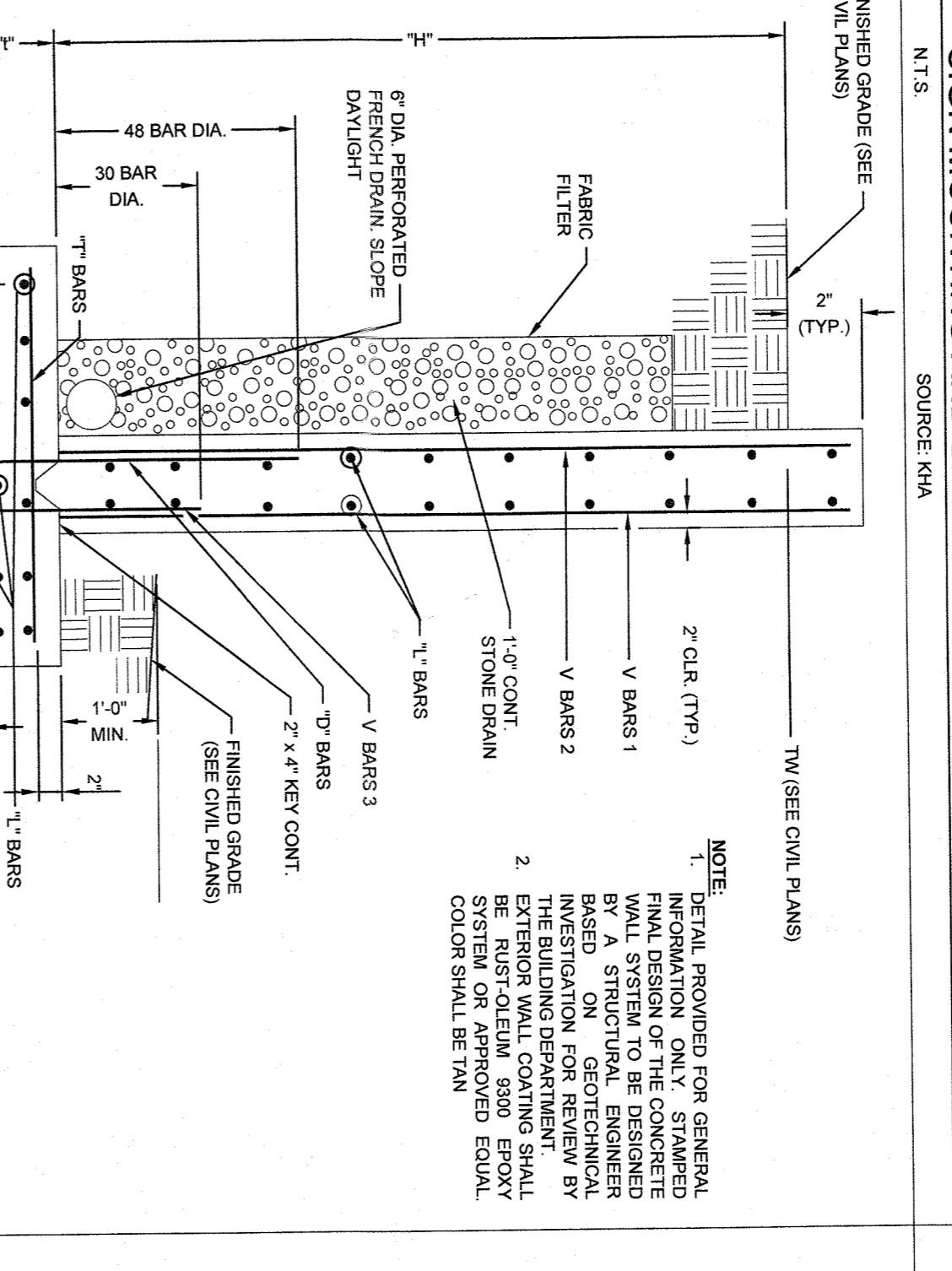
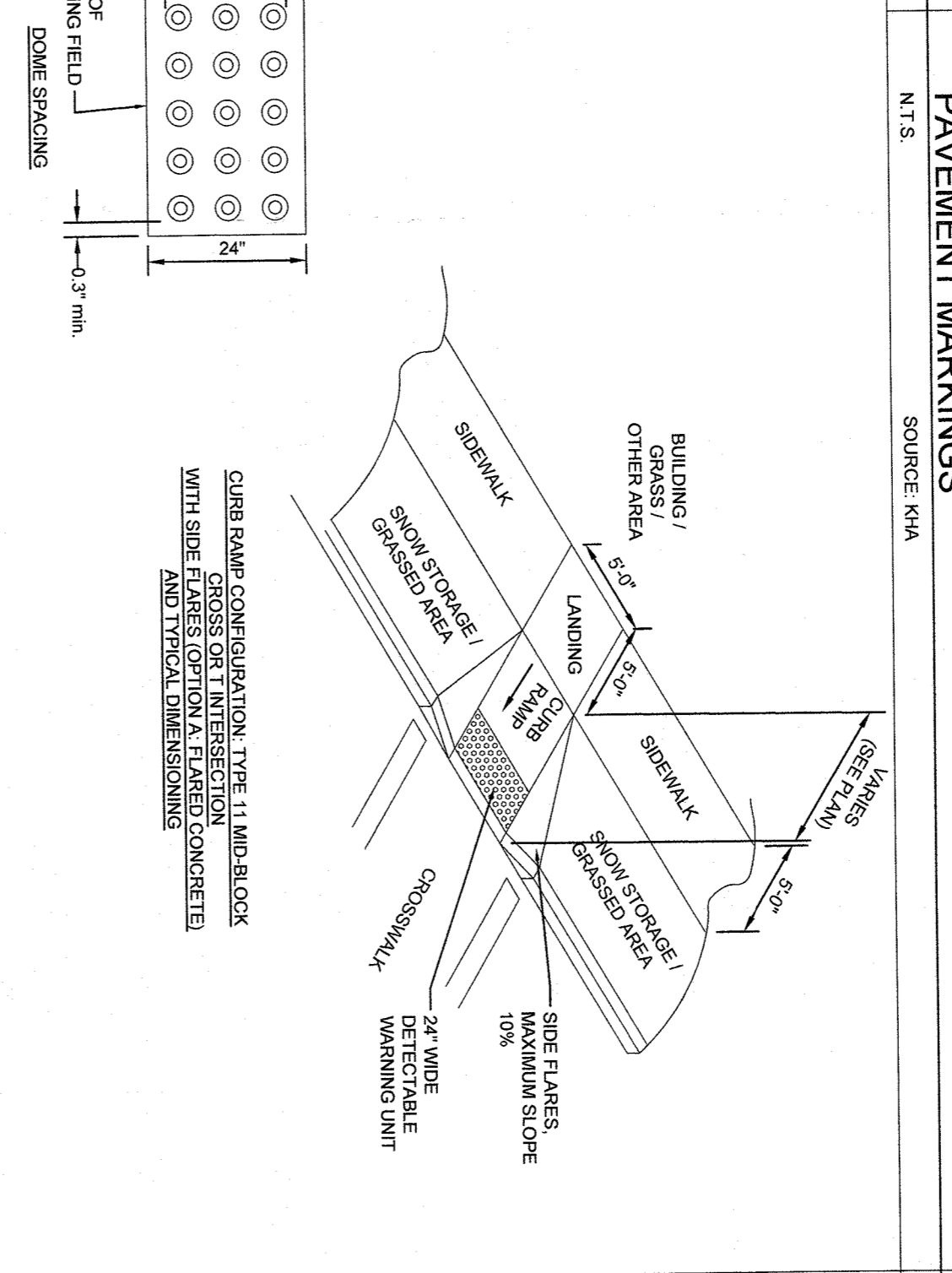
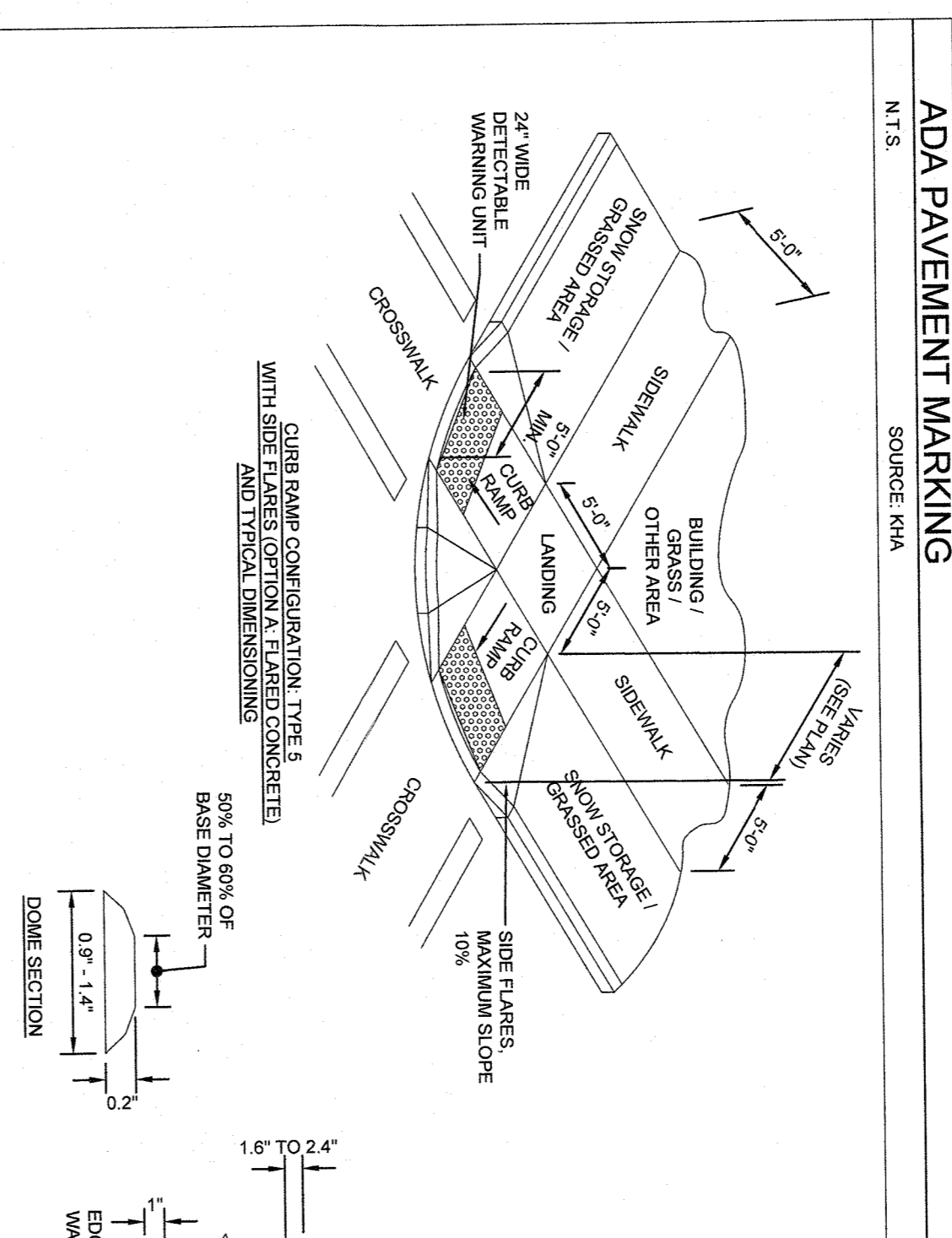
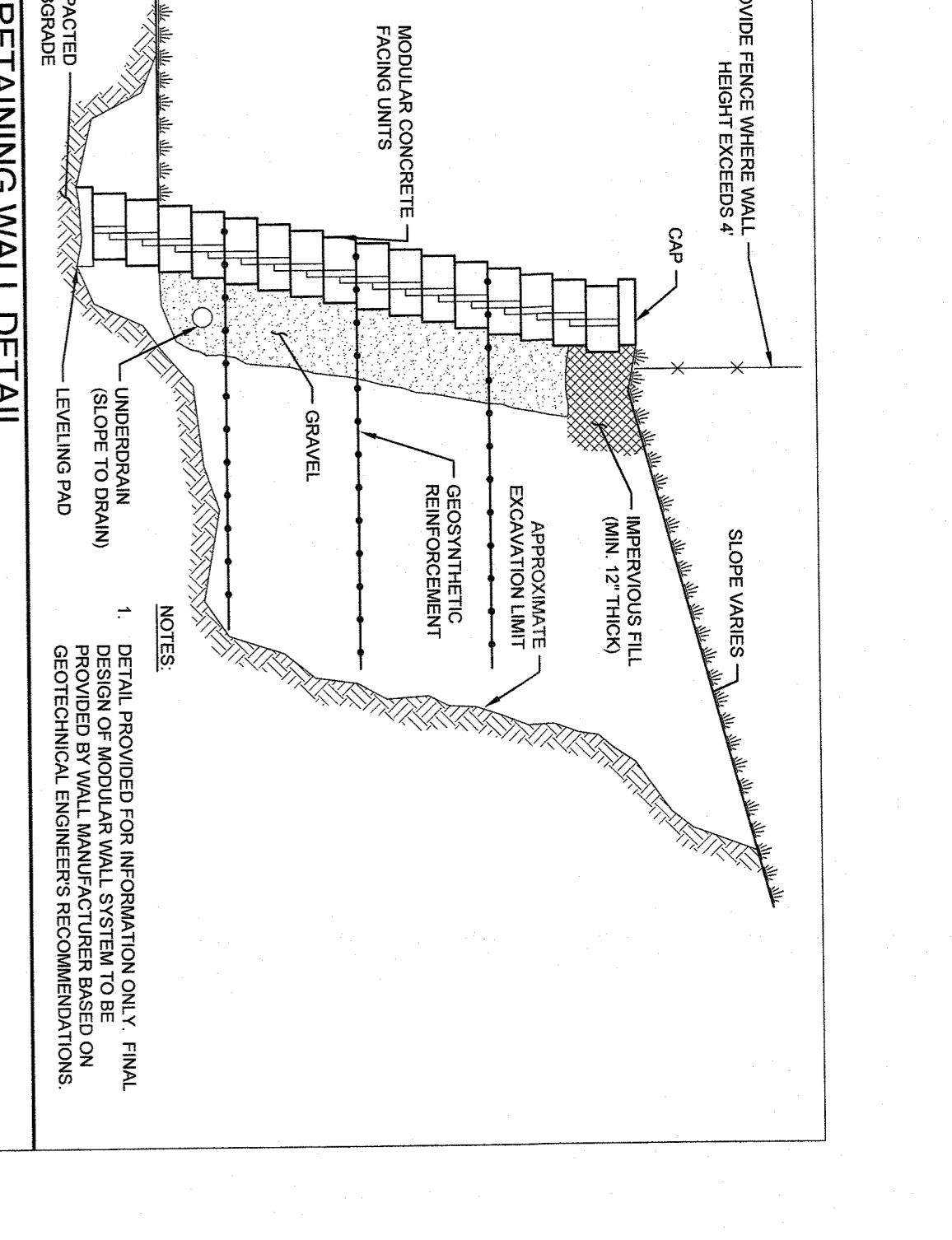
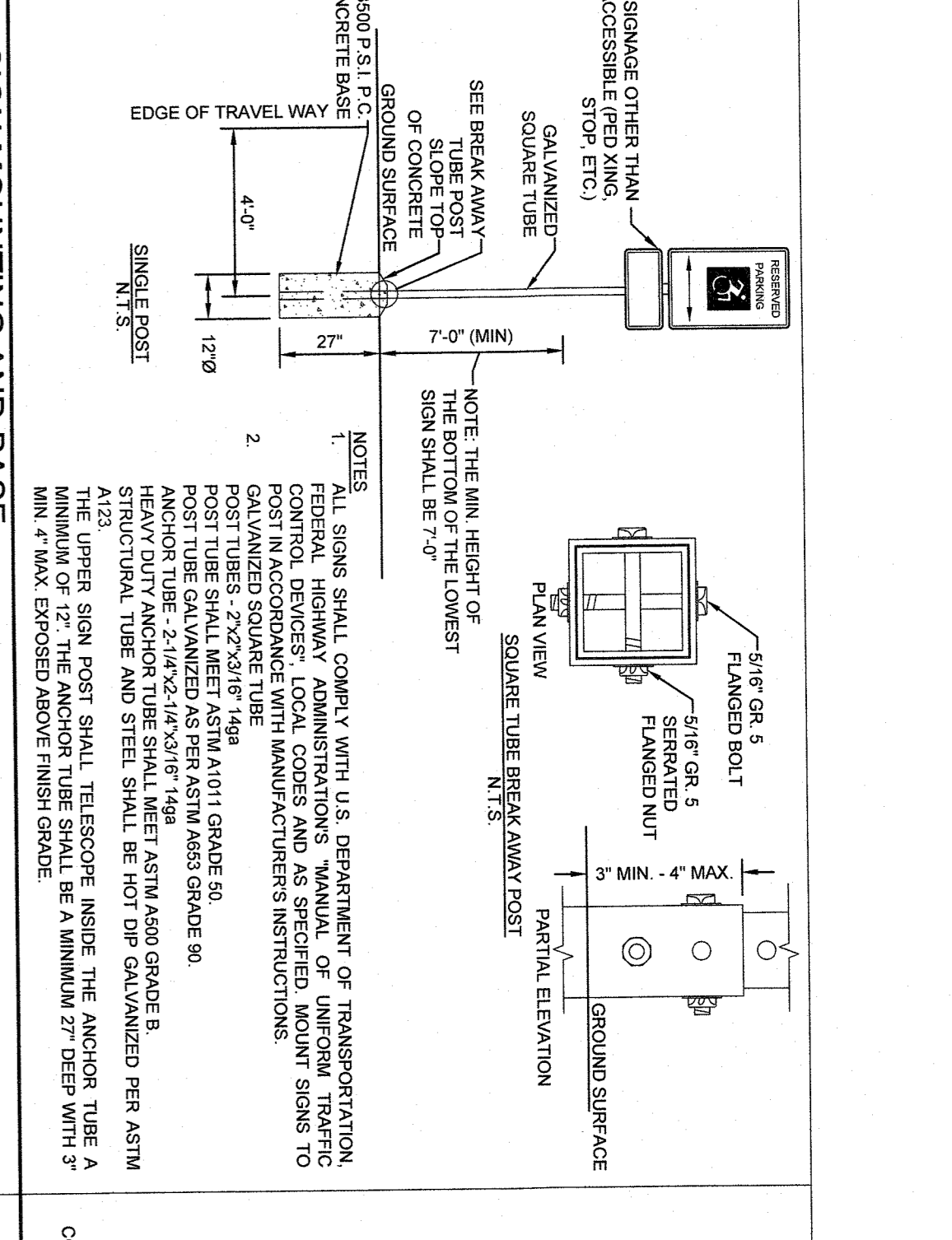
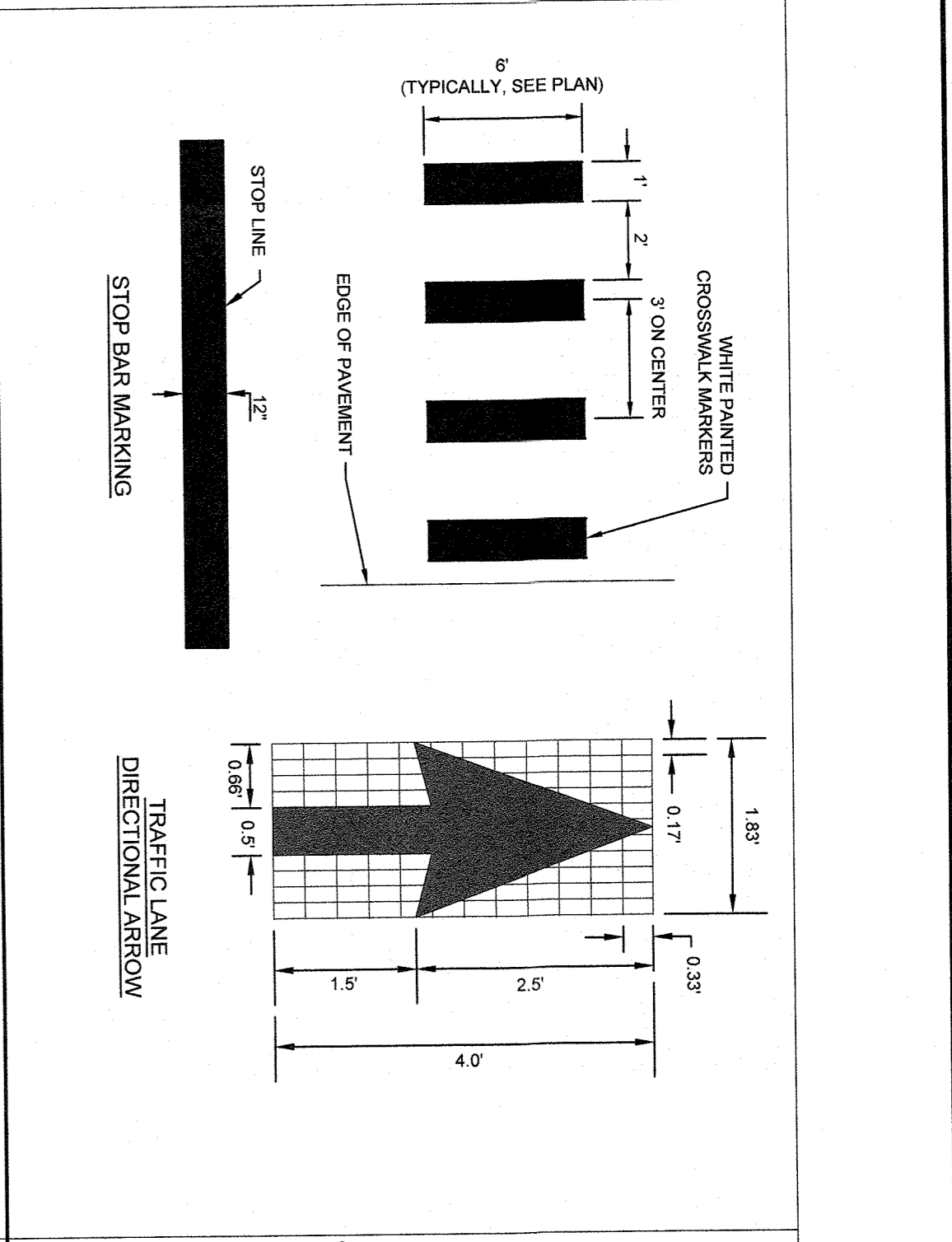
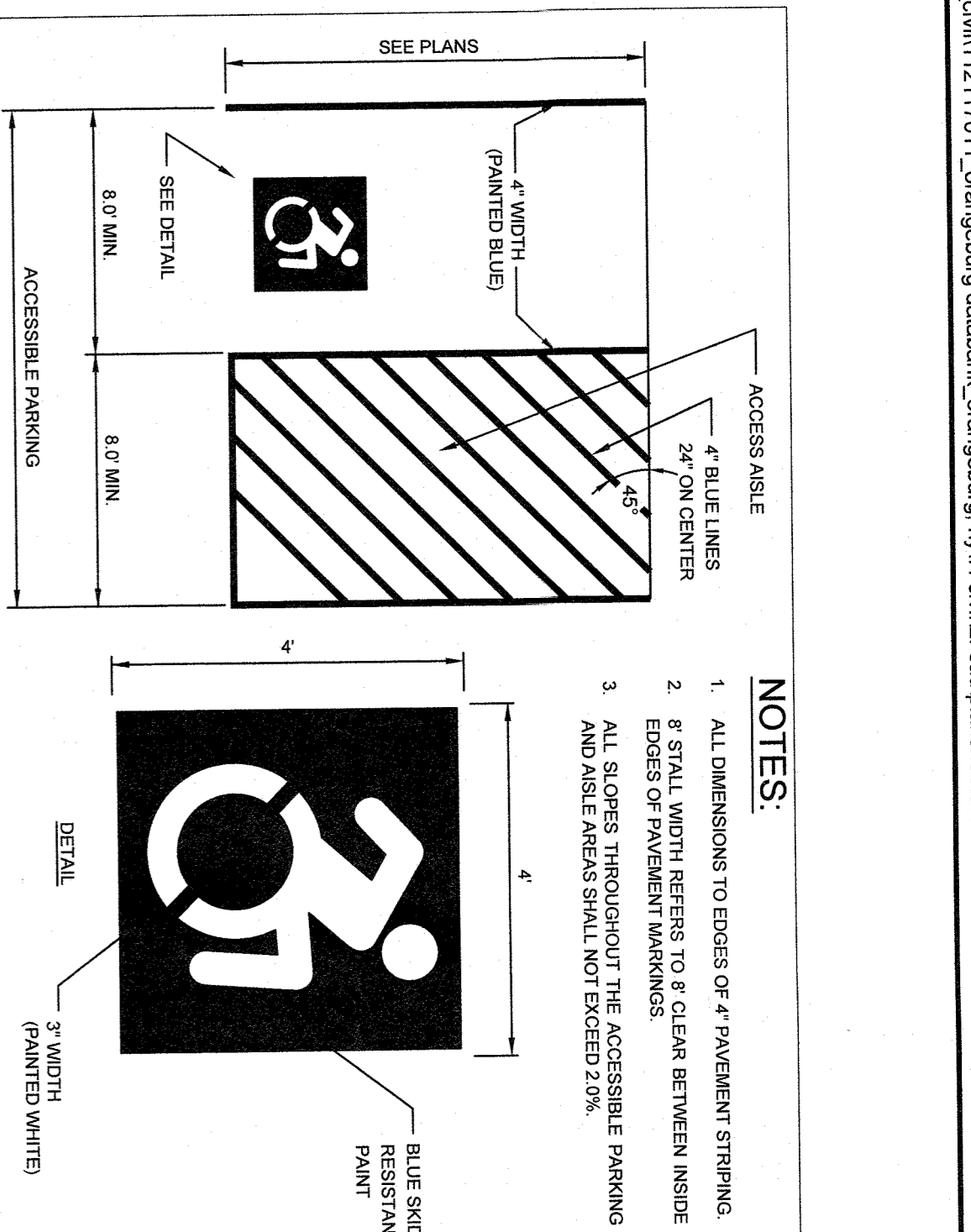
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| KHA PROJECT | 112117011 |
| DATE | 01-27-2022 |
| SCALE: | AS SHOWN |
| DESIGNED BY: | |
| DRAWN BY: | BMD |
| CHECKED BY: | MWJ |

DATABANK ORANGEBURG
 2000 CORPORATE DRIVE
 ORANGEBURG, NY 10962

TOWN OF ORANGEBURG **NEW YORK**

SITE DETAILS

SHEET NUMBER
C-7.0



| | | | | | | | | | | | | | | |
|------------------------------|---------------------------------------------------------------------|--------------|--------------------------|--------------------|-----------------|--------------|---------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------|----------------------|----------|----|
| SHEET NUMBER C-7.1 | DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962 | SITE DETAILS | KHA PROJECT 112117011 | DATE 01-27-2022 | SCALE: AS SHOWN | DESIGNED BY: | DRAWN BY: BMD | CHECKED BY: MWU | Kimley»Horn © 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10611 PHONE: 914-368-9200 WWW.KIMLEY-HORN.COM | NOT FOR CONSTRUCTION | NO. | REVISIONS | DATE | BY |
| | | | 2 | | | | | | | | SITE PLAN REVISIONS | 05/13/22 | KH | |
| | | | | | | | | | | | 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| | | | | | | | | | | | 1 | 50% DCS | 03/29/22 | KH |

ALTERNATIVE ECCENTRIC CONE SECTION

ALTERNATIVE TOP SLAB

NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PERFORMED BUTYL RUBBER.
4. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 2 BRICK COURSES MAXIMUM).

FIELD INLET (F)

SHALLOW INLET

NOTES:

1. ALL HOODS AND TRAYS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY THE FOLLOWING PRODUCTS, INC. 53 MIT ABERDEEN RD. LYME, CT 06357. TEL: (860) 424-1918 FAX: (860) 424-1919. WEB SITE: www.tremco.com OR PRECAST/PCO/PCD/SCAL.
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH AN 80% GEL COAT EXTENSION WITH A MINIMUM 1/8" CURABLE THICKNESS.
3. ALL HOODS SHALL BE EQUIPPED WITH A WATERIGHT ACCESS PORT. A MOUNTING FLANGE AND AN ANTI-SIPHON VENT PIPE SHALL BE SHOWN AS SHOWN (SEE CONNECTION DETAIL).
4. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION (INLET SIZE ALWAYS LARGER THAN PIPE SIZE).
5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A MINIMUM DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 9" FOR PIPES < 12" TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 9" AND A MAXIMUM DISTANCE OF 12" FOR PIPES > 12".
6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 9" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL AND PIPE SHALL BE FINISHED TIGHT TO WALL.
8. ALL STRUCTURE JOINTS SHALL BE WATERIGHT.
9. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL RESISTANT GASKET AS SUPPLIED BY MANUFACTURER (SEE INSTALLATION DETAIL).
10. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT SHALL INCLUDE:
 - A. ANTI-SIPHON VENT PIPE
 - B. ANTI-SIPHON VENT PIPE ADAPTER
 - C. OIL RESISTANT GASKET CELL FOAM GASKET WITH PISA BACKING
 - D. 3/8" STAINLESS STEEL BOLTS
 - E. ANTI-SIPHON VENT BOLTS

TRENCH DRAIN

SECTION AA

NOTES:

1. TRENCH DRAIN SHALL BE HEAVY DUTY TYPE DESIGN FOR HS-20 LOADING.
2. CONCRETE SHALL BE COMPRESSIVE STRENGTH 4000 PSI, TYPE 2 CEMENT.
3. TRENCH DRAIN GRATE SHALL MEET REGULATIONS.

STORM DRAINAGE PRECAST MANHOLE

NOTES:

1. ALL STRUCTURES AND DETAILS TO SUPPORT HS-20 LOADING.
2. APPROVAL.
3. AS MANUFACTURED BY OLD CASTLE OR APPROVED EQUAL.

SNOUT OIL WATER DEBRIS SEPARATOR

INSTALLATION DETAIL

DETAIL A

DETAIL B

CATCH BASIN CURB TYPE (CB), TYPE 1

NOTES:

1. ALL STRUCTURES AND DETAILS TO SUPPORT HS-20 LOADING.
2. CONTRACTOR SHALL SUBMIT SITE SPECIFIC FABRICATION SHOP DRAWINGS FOR APPROVAL.
3. CURB AND METAL SNOUT OR WATER DEBRIS SEPARATOR IN ALL TYPE 1 CATCH BASINS, THESE ARE LOCATED WITHIN ROW AREAS AND IN THE LAST PRIVATE DRIVE (SEE PLAN FOR LOCATIONS).
4. EXPOSED SURFACE TO BE FINISHED PER LOCAL CONSTRUCTION. 1/4" SPOUT COAT AND 1/4" FINISH COAT.
5. HEAVY DUTY BECULE TYPE GRATE, CAMPBELL FOUNDRY NO. 2817 OR APPROVED EQUAL. W/TYPE NED CURB HEDGE CURB HEDGE SHALL INDICATE 'DOWNS TO GRADE'.
6. FRAME AND COVER SHALL BE SET IN FULL MORTAR BED.
7. MORTAR ALL PIPE CONNECTIONS.
8. CONTRACTOR SHALL SUBMIT SITE SPECIFIC FABRICATION SHOP DRAWINGS FOR APPROVAL.
9. AS MANUFACTURED BY OLD CASTLE OR APPROVED EQUAL.

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962

TOWN OF ORANGEBURG NEW YORK

SITE DETAILS

KHA PROJECT 112117011
DATE 01-27-2022
SCALE AS SHOWN
DESIGNED BY:
DRAWN BY: BMD
CHECKED BY: MWJ

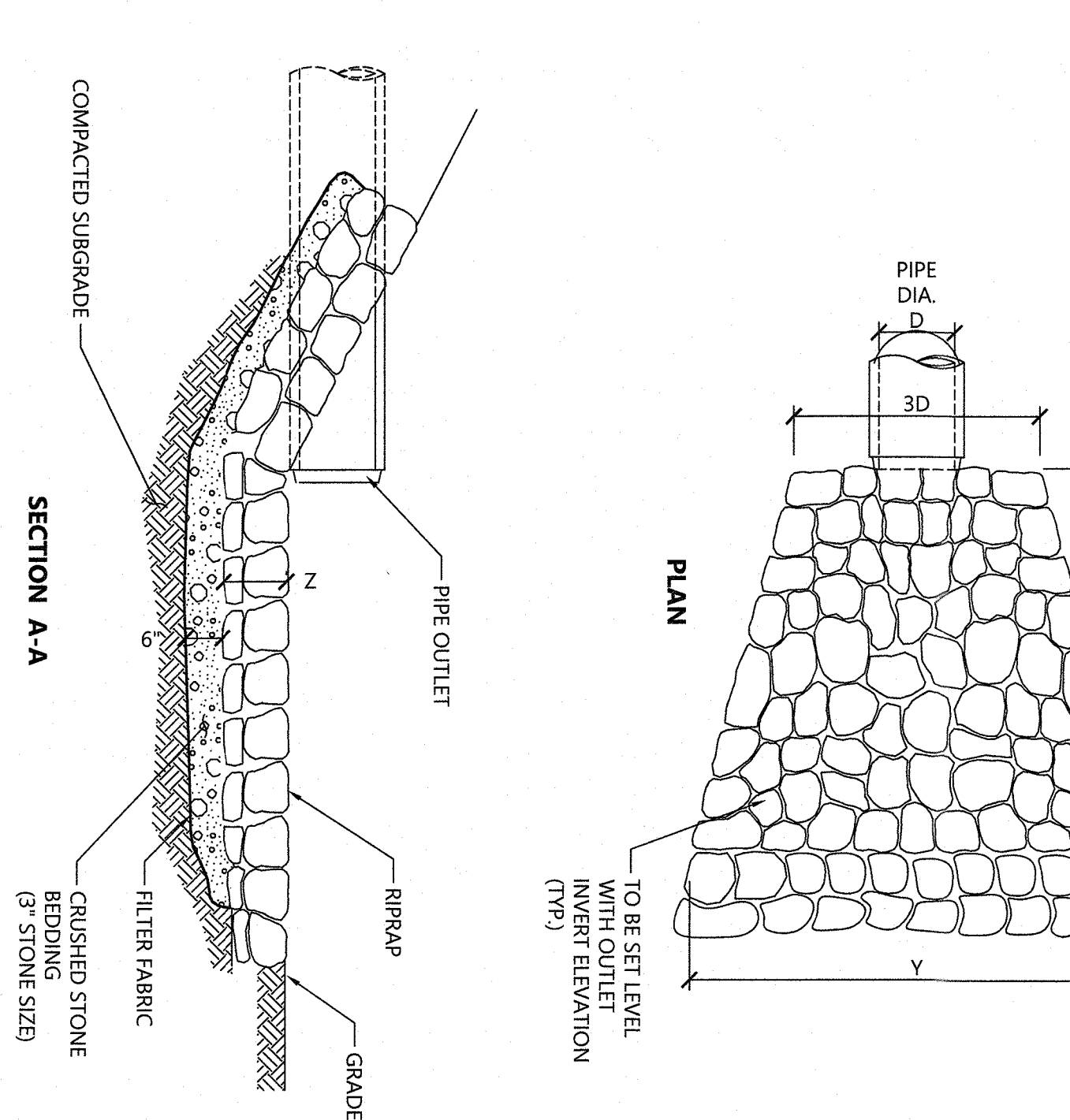
DATABANK

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1 NORTH LEXINGTON AVENUE, SUITE 505
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PHONE: 914-368-6200
WWW.KIMLEY-HORN.COM

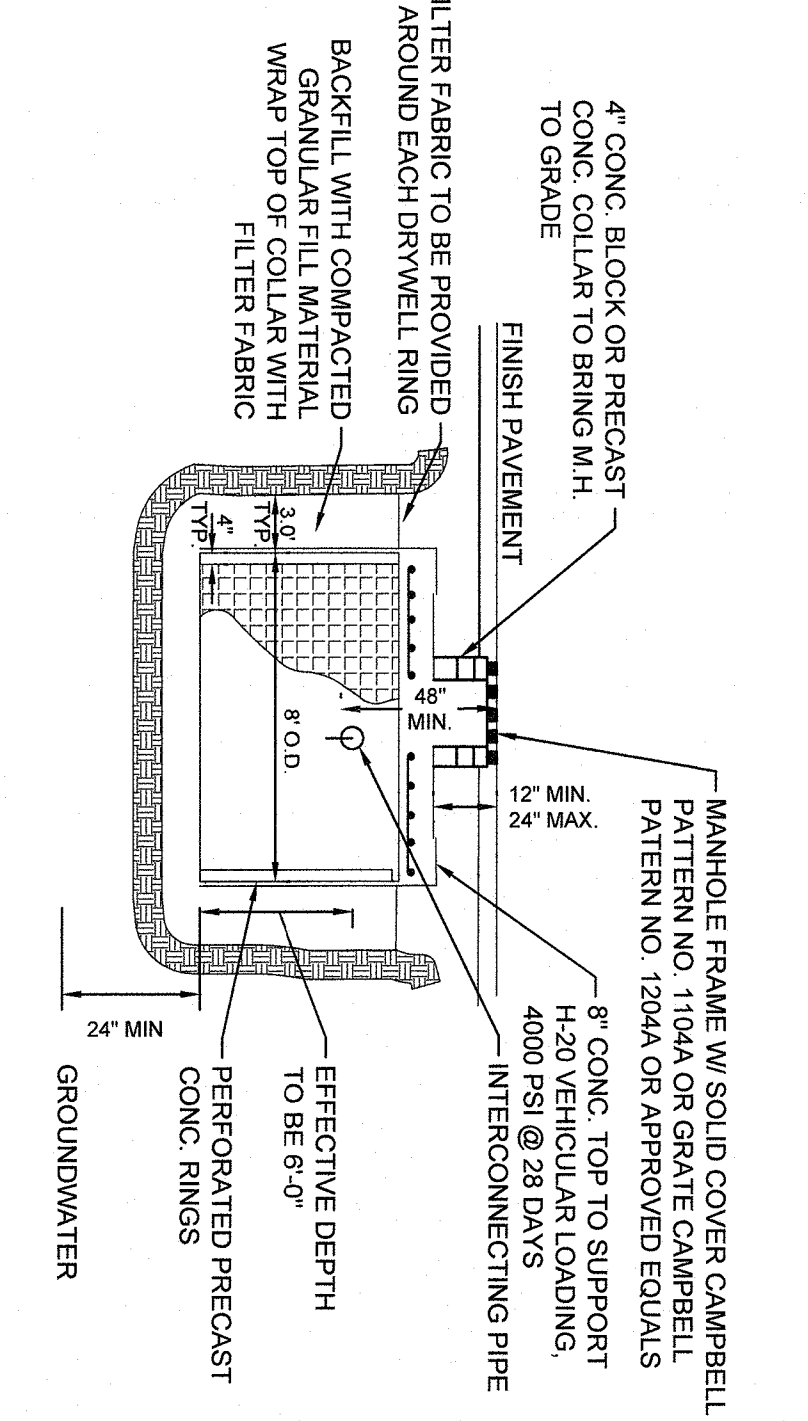
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|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% DDs | 03/29/22 | KH |

NOT FOR CONSTRUCTION

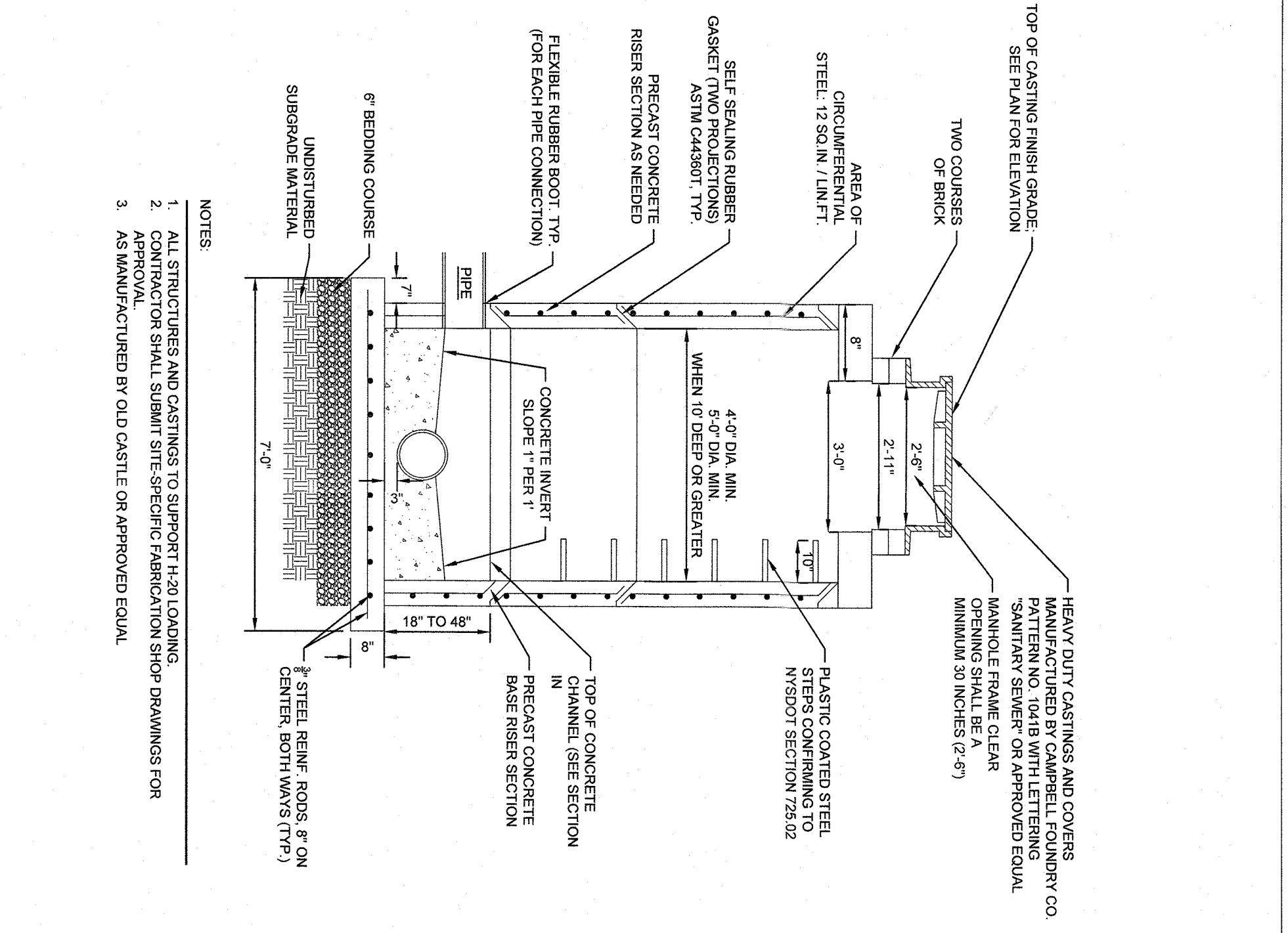
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|------------|------|-----|-----|-------------------------------|
| 1A | 6" | 18" | 14" | 6" |
| 1B | 6" | 18" | 15" | 6" |
| 1C | 6" | 18" | 12" | 6" |
| 1E | 6" | 12" | 10" | 6" |
| 1F | 6" | 12" | 10" | 6" |
| 1G | 6" | 30" | 30" | 6" |



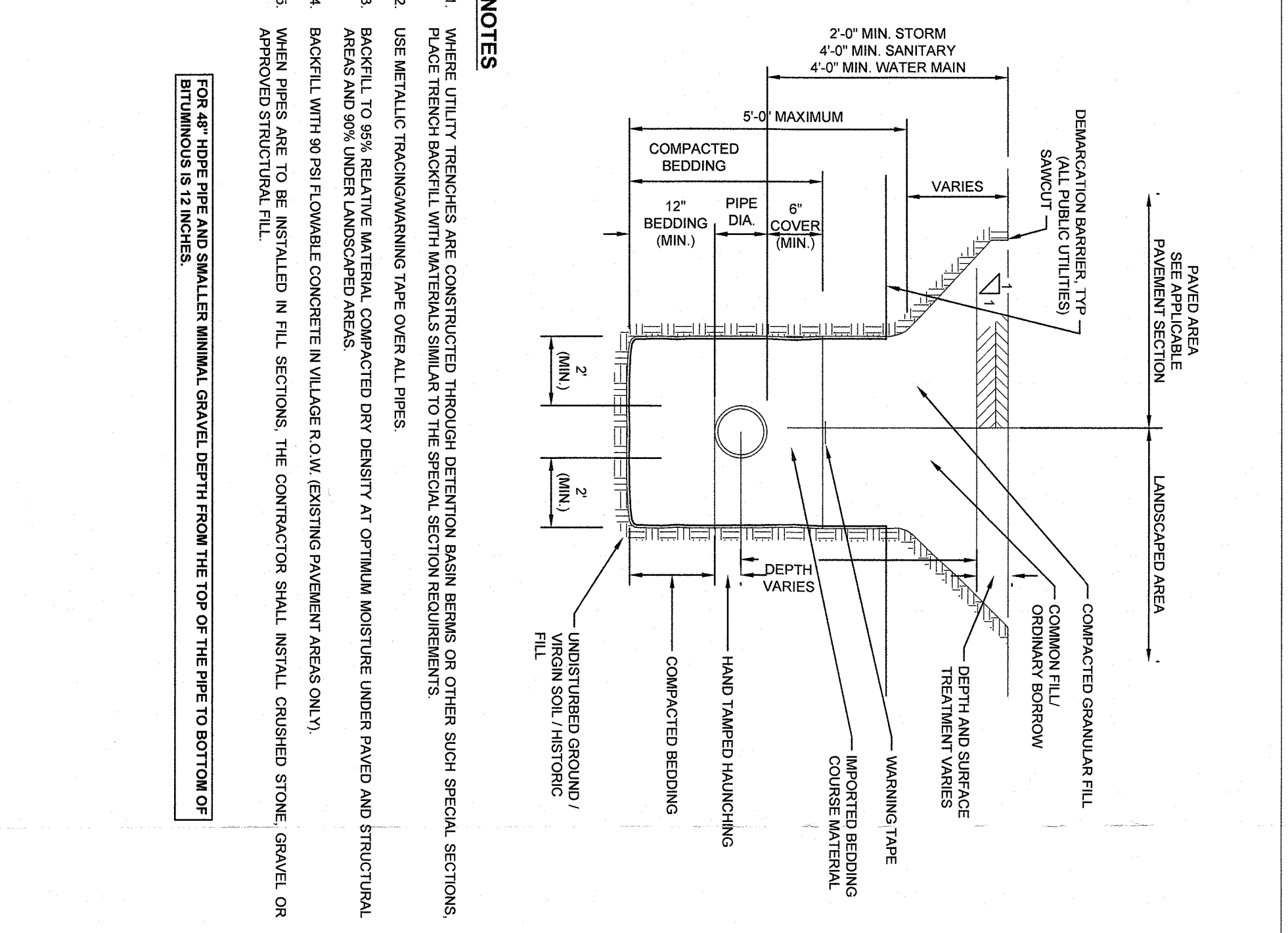
RIPRAP PROTECTION
SOURCE: L.D.H.



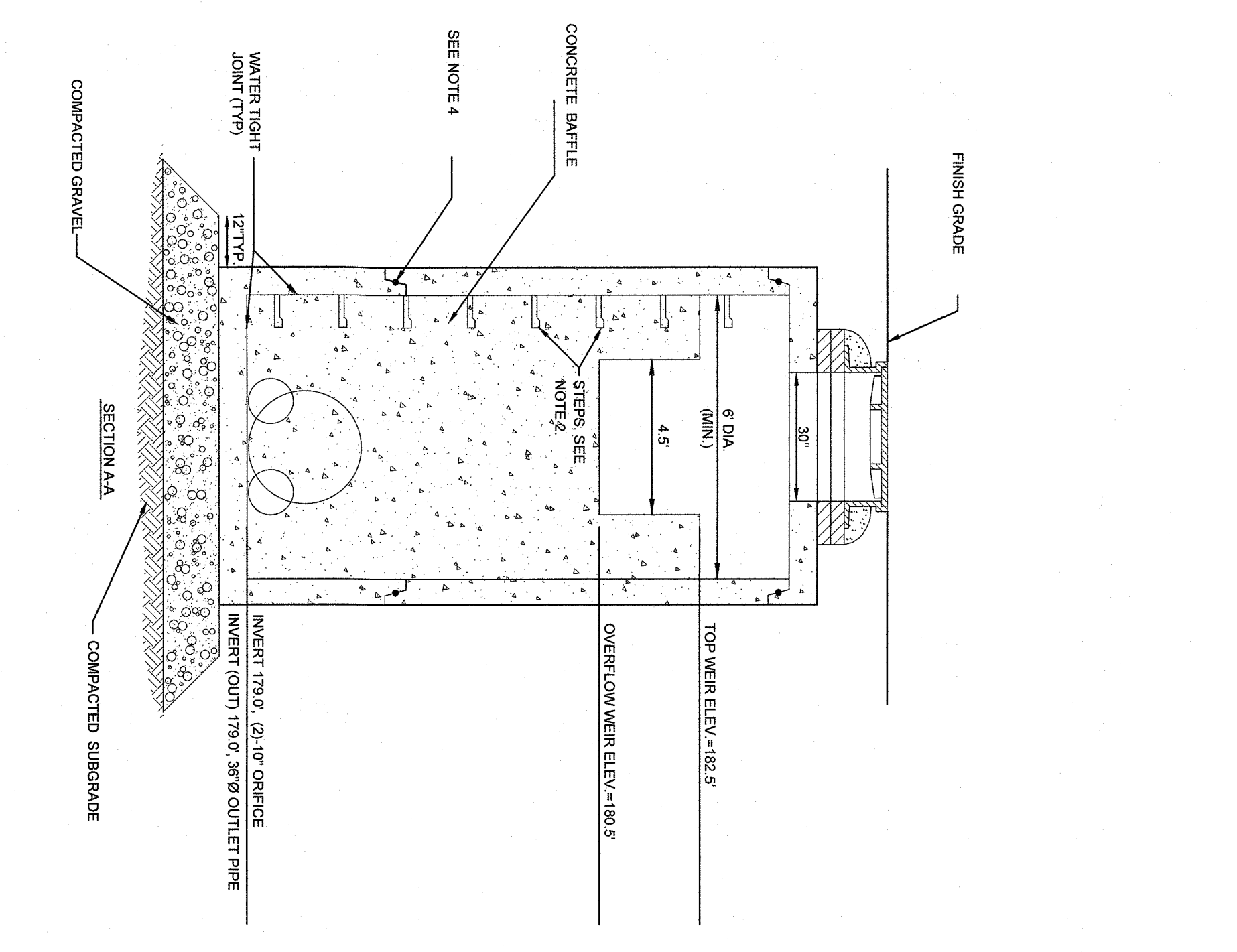
DRYWELL DETAIL
SOURCE: KIMLEY-HORN



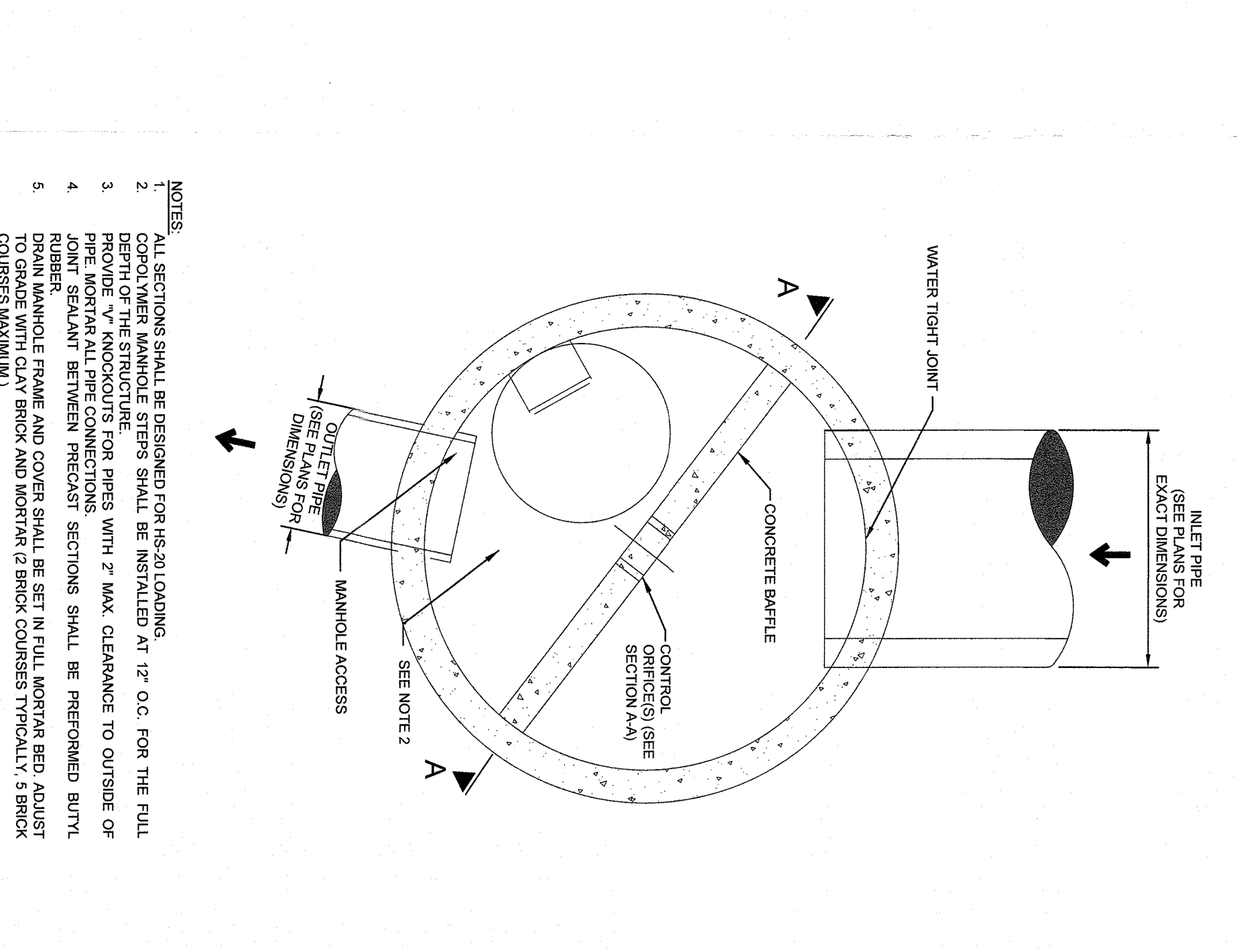
SANITARY SEWER MANHOLE
SOURCE: KIMLEY-HORN



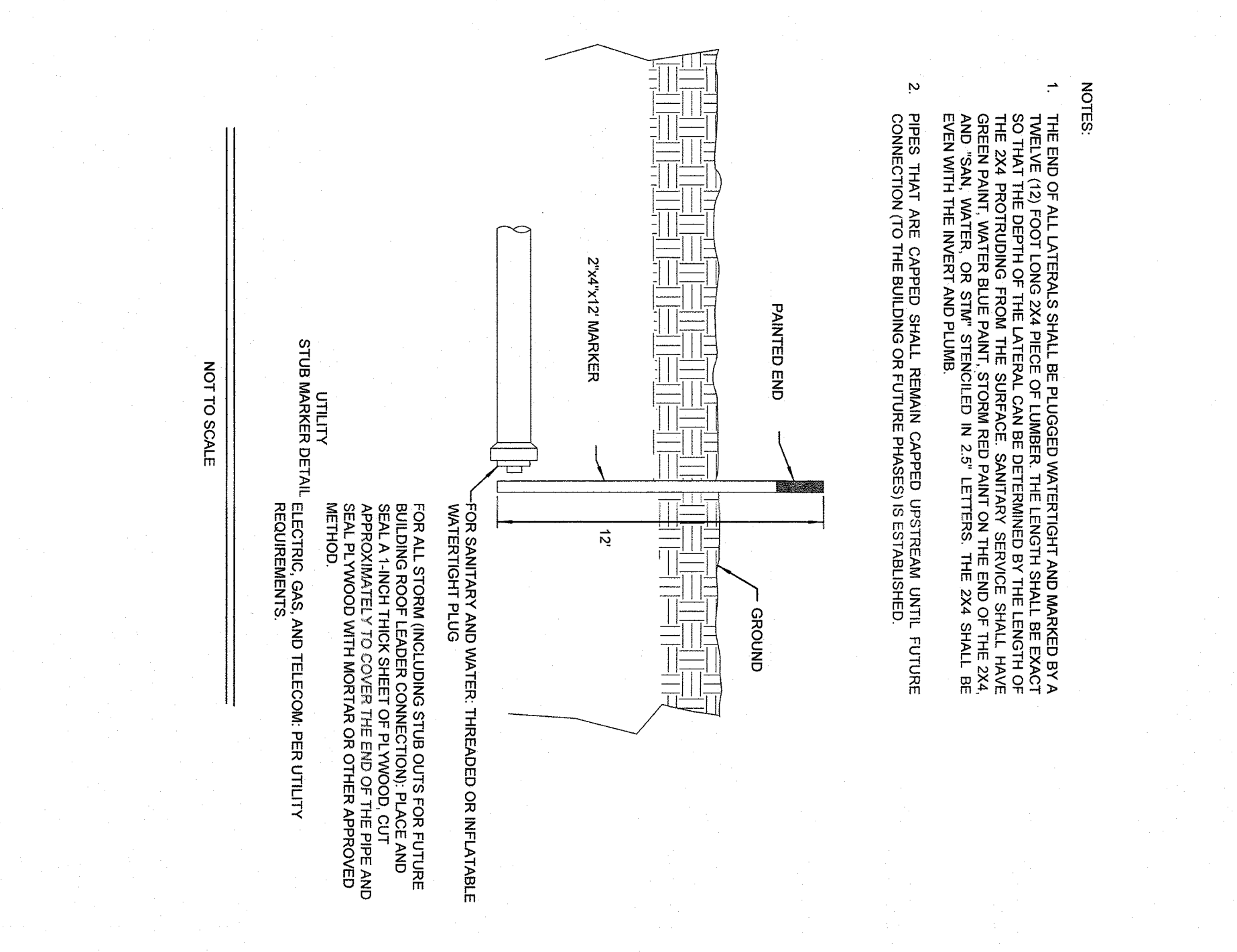
UTILITY TRENCH DETAIL (STORM / SANITARY / WATER)
SOURCE: KIMLEY-HORN



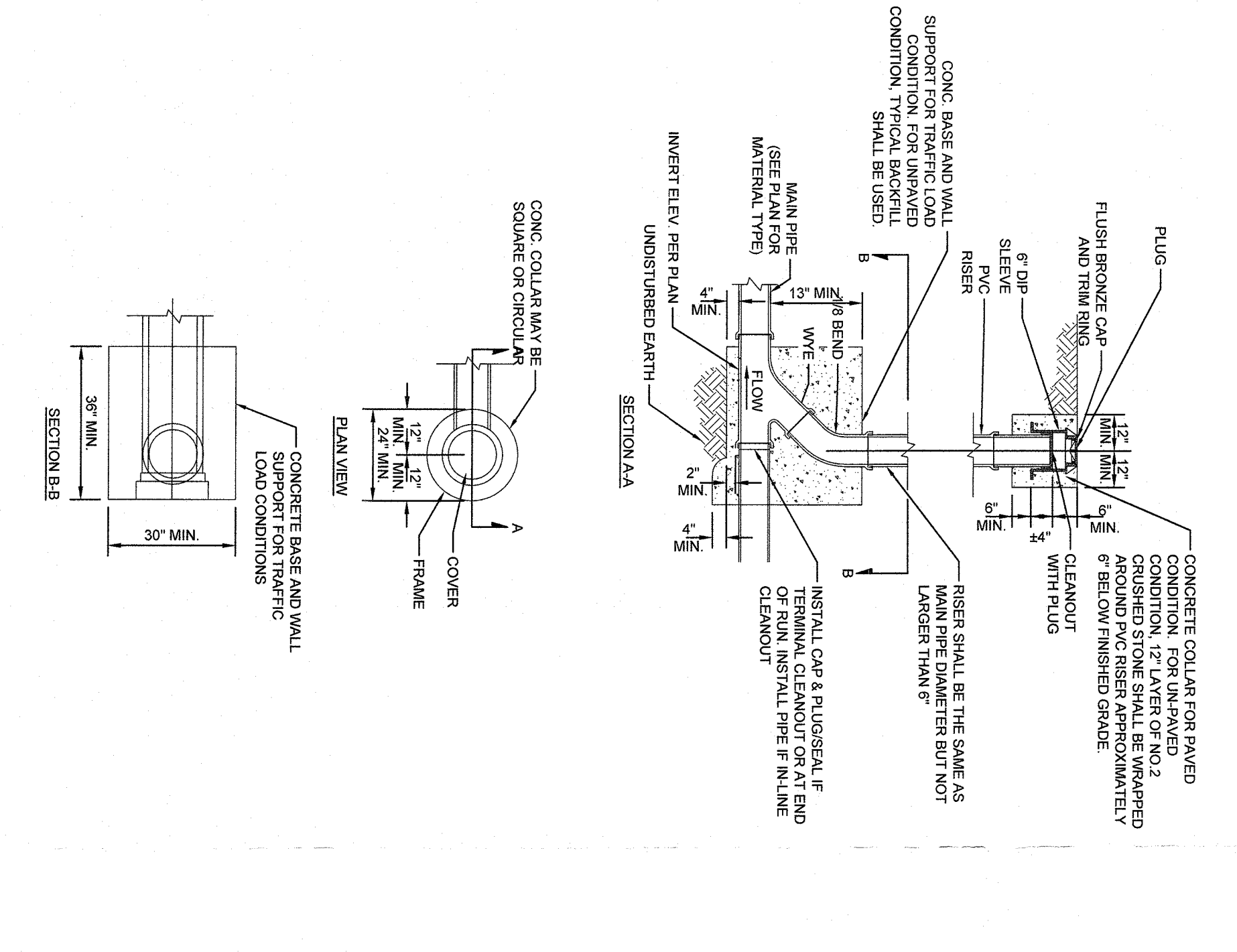
OUTLET CONTROL STRUCTURE (OCS-XX)
SOURCE: KIMLEY-HORN



WATER JOINT
SOURCE: KIMLEY-HORN



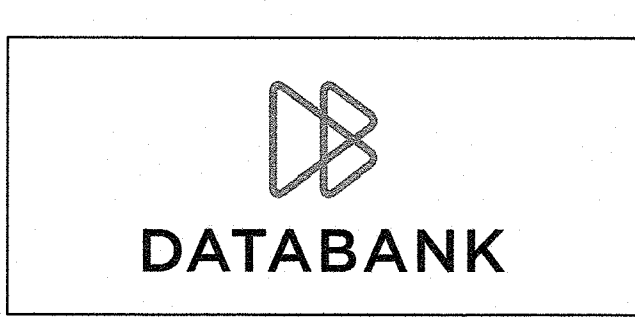
CAPPING OF FUTURE UTILITY AND STUB MARKER
SOURCE: KIMLEY-HORN



STORM AND SANITARY SEWER CLEANOUT (TYPICAL)
SOURCE: KIMLEY-HORN

| NO. | REVISIONS | DATE | BY |
|-----|----------------------|----------|----|
| 2 | SITE PLAN REVISIONS | 05/13/22 | KH |
| 2 | SITE PLAN SUBMISSION | 04/14/22 | KH |
| 1 | 50% DDs | 03/29/22 | KH |

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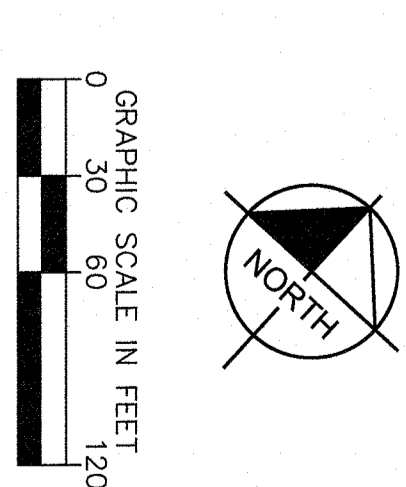
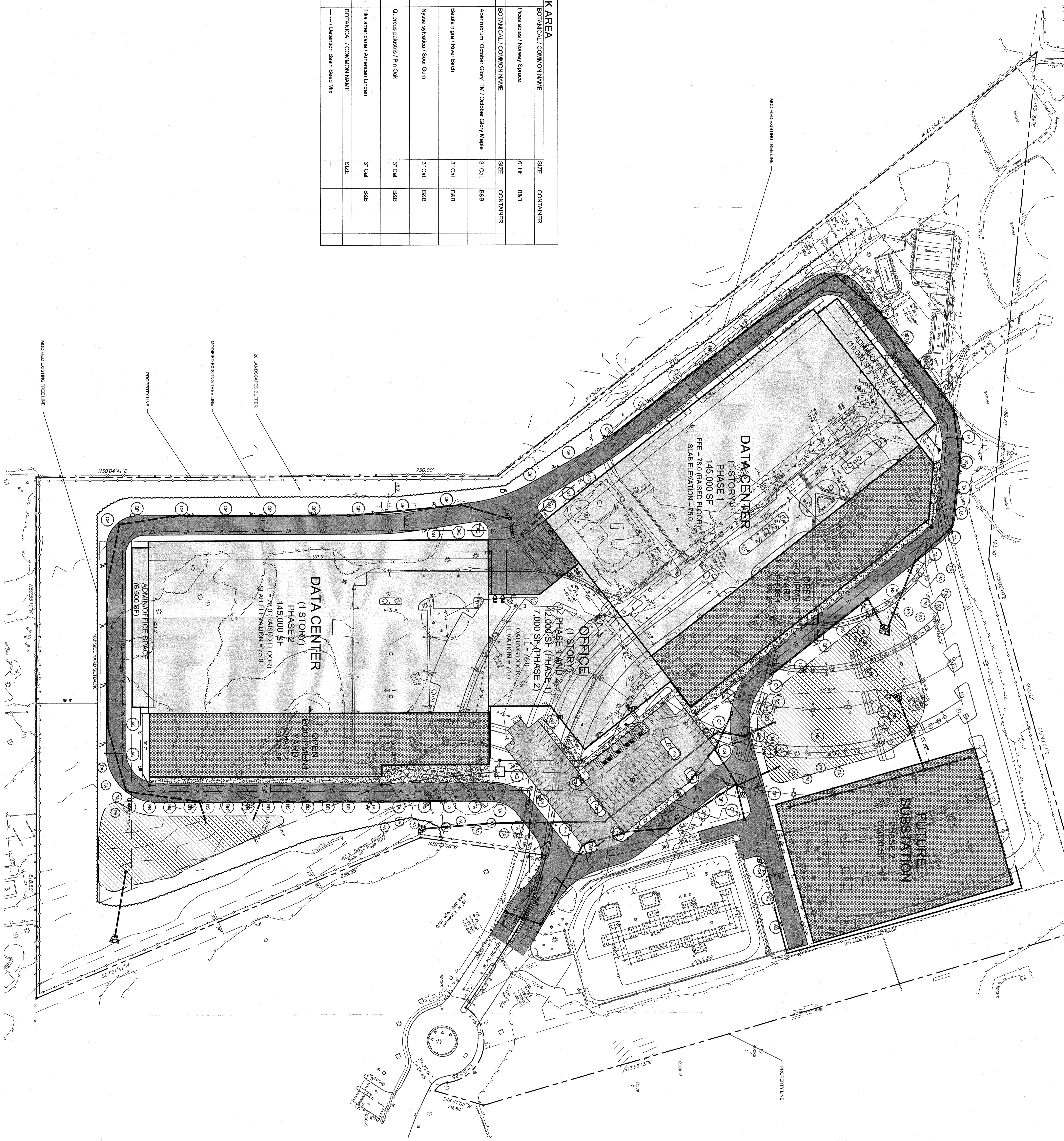
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|--------------|------------|
| KHA PROJECT | 112117011 |
| DATE | 01-27-2022 |
| SCALE: | AS SHOWN |
| DESIGNED BY: | BMD |
| DRAWN BY: | BMD |
| CHECKED BY: | MWJ |

SITE DETAILS

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962
TOWN OF ORANGEBURG NEW YORK

SHEET NUMBER
C-7.3

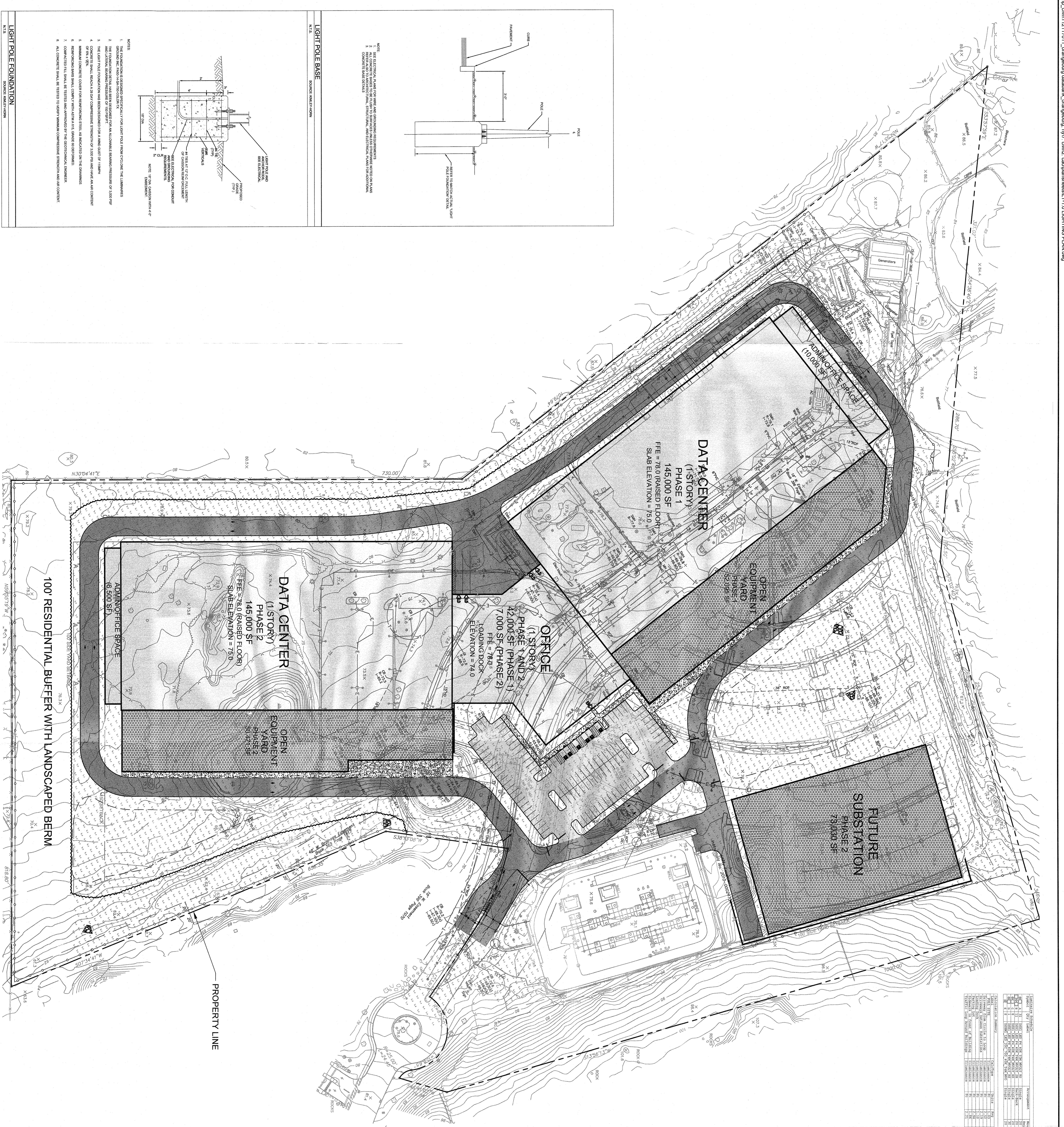
| PLANT SCHEDULE WORK AREA | | | |
|--------------------------|------|-----------|--------------------------------------------------------|
| TREES | CODE | QTY | BOTANICAL / COMMON NAME |
| PA | PA | 23 | Picea abies / Norway Spruce |
| DECIDUOUS TREES | CODE | QTY | BOTANICAL / COMMON NAME |
| AG | AG | 24 | Acer rubrum / October Glory / TM / October Glory Maple |
| BR | BR | 21 | Betula nigra / River Birch |
| NS | NS | 18 | Nyssa sylvatica / Sour Gum |
| QP | QP | 28 | Quercus palustris / Pin Oak |
| TA | TA | 16 | Tilia americana / American Linden |
| GROUND COVERS | CODE | QTY | BOTANICAL / COMMON NAME |
| XI | XI | 68,482 sf | --- / Detention Basin Seed Mix |



| <p>DATABANK ORANGEBURG 2000 CORPORATE DRIVE ORANGEBURG, NY 10962</p> <p>TOWN OF ORANGEBURG NEW YORK</p> | <h2>LANDSCAPE PLAN</h2> | <p>KHA PROJECT 112117011 DATE 01-27-2022 SCALE: AS SHOWN DESIGNED BY: DRAWN BY: BMD CHECKED BY: MWJ</p> | | <p>Kimley»Horn</p> <p style="font-size: x-small;">© 2022 KIMLEY-HORN ENGINEERING AND LANDSCAPE ARCHITECTURE OF NEW YORK, P.C. 1 NORTH LEXINGTON AVENUE, SUITE 505 WHITE PLAINS, NY 10601 PHONE: 914-388-9200 WWW.KIMLEY-HORN.COM</p> | <p>NOT FOR CONSTRUCTION</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>SITE PLAN REVISIONS</td> <td>05/13/22</td> <td>KH</td> </tr> <tr> <td>2</td> <td>SITE PLAN SUBMISSION</td> <td>04/14/22</td> <td>KH</td> </tr> <tr> <td>1</td> <td>50% DDs</td> <td>03/29/22</td> <td>KH</td> </tr> </tbody> </table> | NO. | REVISIONS | DATE | BY | 2 | SITE PLAN REVISIONS | 05/13/22 | KH | 2 | SITE PLAN SUBMISSION | 04/14/22 | KH | 1 | 50% DDs | 03/29/22 | KH |
|-----------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|------|----|---|---------------------|----------|----|---|----------------------|----------|----|---|---------|----------|----|
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| 1 | 50% DDs | 03/29/22 | KH | | | | | | | | | | | | | | | | | | | |

SHEET NUMBER
LA-1.0

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DATABANK

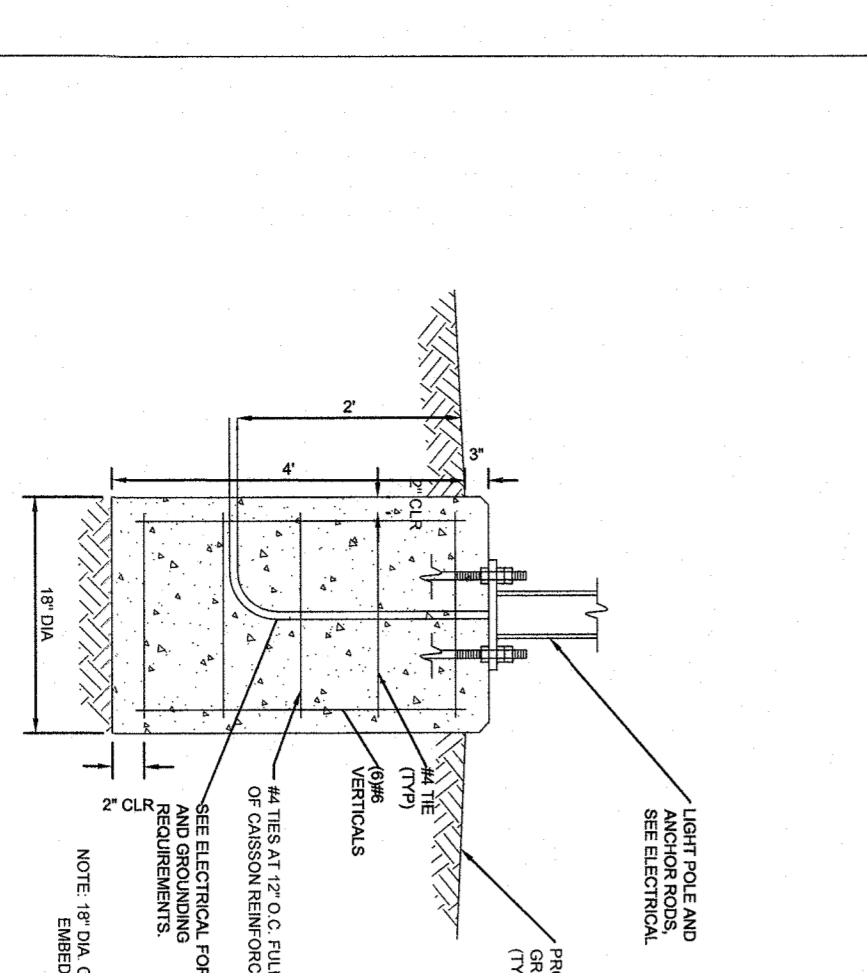
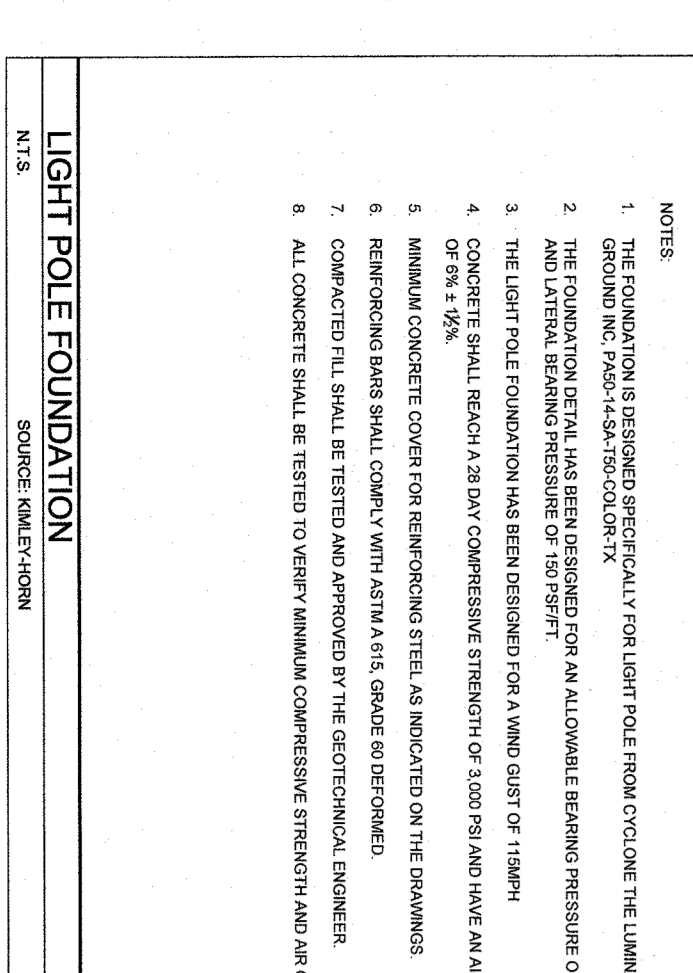
KHA PROJECT
112117011
DATE
01-27-2022
SCALE: AS SHOWN
DESIGNED BY:
DRAWN BY: BMD
CHECKED BY: MWJ

DATABANK ORANGEBURG
2000 CORPORATE DRIVE
ORANGEBURG, NY 10962

TOWN OF ORANGEBURG NEW YORK

LIGHTING PLAN

SHEET NUMBER
LT-1.0



- NOTES:**
- THE FOUNDATION IS DESIGNED SPECIFICALLY FOR LIGHT POLE FOUNDATION TYPE 1.
 - CONCRETE SHALL BE 2800 PSI COMPRESSIVE STRENGTH.
 - ALL CONCRETE SHALL BE TESTED TO VERIFY COMPRESSIVE STRENGTH AND AIR CONTENT.
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LIGHT POLE FOUNDATION

FOUNDATION TYPE 1

FOUNDATION TYPE 2

FOUNDATION TYPE 3

FOUNDATION TYPE 4

FOUNDATION TYPE 5

FOUNDATION TYPE 6

FOUNDATION TYPE 7

FOUNDATION TYPE 8

FOUNDATION TYPE 9

FOUNDATION TYPE 10

FOUNDATION TYPE 1

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 2

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 3

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 4

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 5

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 6

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 7

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 8

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

FOUNDATION TYPE 9

| FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE | FOUNDATION TYPE |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| FOUNDATION TYPE 1 | FOUNDATION TYPE 2 | FOUNDATION TYPE 3 | FOUNDATION TYPE 4 | FOUNDATION TYPE 5 | FOUNDATION TYPE 6 | FOUNDATION TYPE 7 | FOUNDATION TYPE 8 | FOUNDATION TYPE 9 | FOUNDATION TYPE 10 |

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