

KEY PLAN

NOT TO SCALE

DEMOLITION NOTES

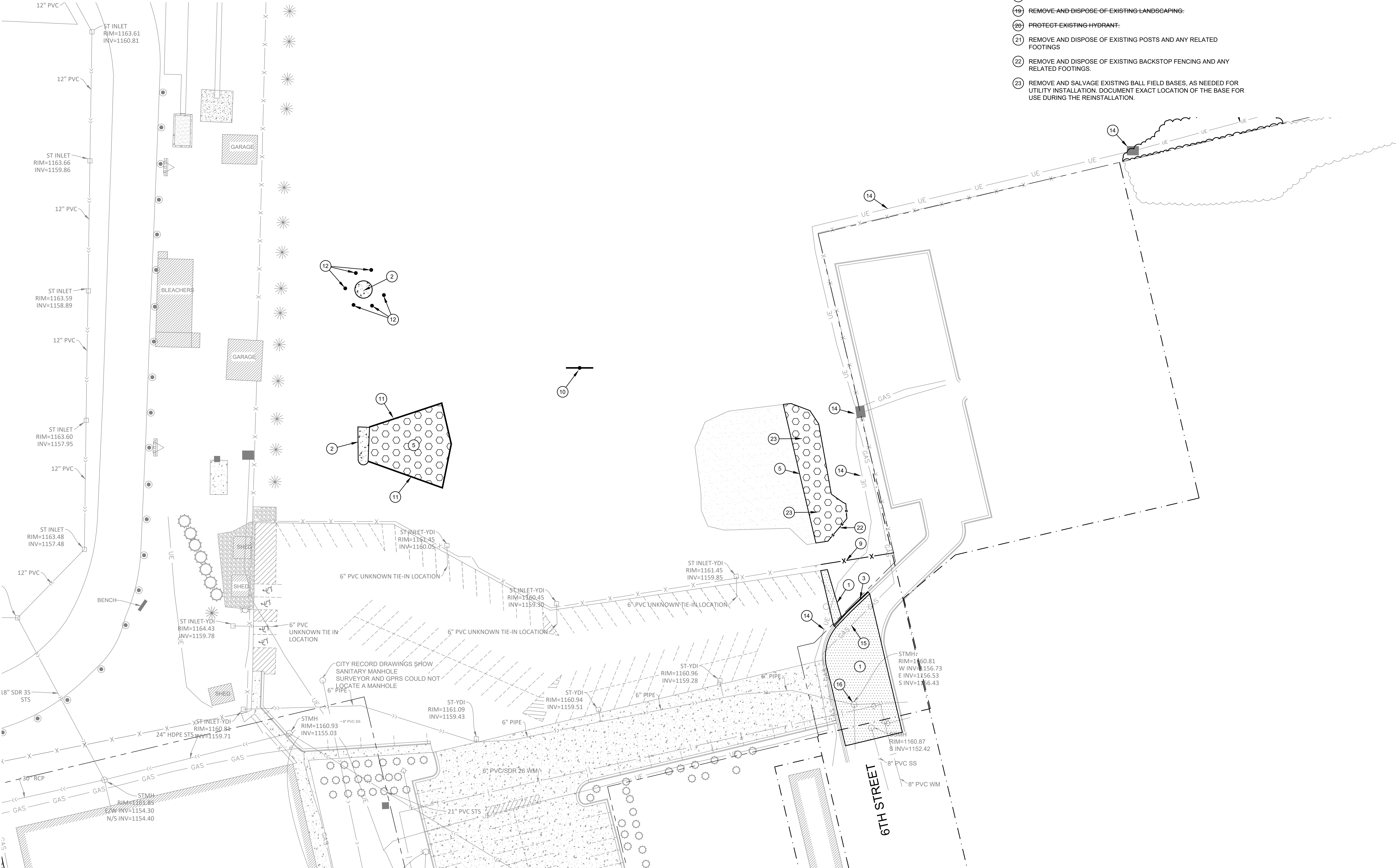
1. Verify all existing utility locations.
2. It is the responsibility of the Contractor to perform or coordinate all necessary utility demotions and relocations from existing utility locations to all onsite amenities and buildings. These connections include, but are not limited to, water, sanitary sewer, cable tv, telephone, gas, electric, site lighting, etc.
3. Prior to beginning work, contact Gopher State OneCall (651-454-0002) to locate utilities throughout the area under construction. The Contractor shall retain the services of a private utility locator to locate the private utilities.
4. Sawcut along edges of pavements, sidewalks, and curbs to remain.
5. All construction shall be performed in accordance with state and local standard specifications for construction.

KEY NOTES

- 1 SAWCUT, REMOVE, AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT.
- 2 SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT.
- 3 SAWCUT, REMOVE, AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
- 4 REMOVE AND DISPOSE OF EXISTING GRAVEL.
- 5 REMOVE AND DISPOSE OF EXISTING AG-LIME.
- 6 REMOVE AND DISPOSE OF EXISTING TREES, DOWNED TREES, STUMPS, AND BRUSH.
- 7 REMOVAL OF EXISTING BUS GARAGE BY OTHERS. REMOVE AND DISPOSE OF EXISTING CONCRETE APRON AND FOOTINGS. COORDINATE WITH POWER COMPANY TO DISCONNECT POWER.
- 8 FIBER OPTIC CABLE RELOCATION BY OTHERS. COORD. WITH UTILITY COMPANY.
- 9 REMOVE AND DISPOSE OF EXISTING FENCING AND ALL RELATED FOOTINGS.
- 10 SALVAGE AND RELOCATE EXISTING GOAL POST.
- 11 REMOVE AND DISPOSE OF EXISTING TIMBERS SURROUNDING SHOT PUT THROWING SECTOR.
- 12 SALVAGE EXISTING DISCUS CAGE. REMOVE AND DISPOSE OF ANY CONCRETE FOOTINGS.
- 13 PROTECT FLARED END SECTION.
- 14 PROTECT EXISTING ELECTRICAL.
- 15 PROTECT EXISTING GAS LINE.
- 16 REMOVE AND DISPOSE OF EXISTING STORMWATER STRUCTURE.
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- 22 REMOVE AND DISPOSE OF EXISTING BACKSTOP FENCING AND ANY RELATED FOOTINGS.
- 23 REMOVE AND SALVAGE EXISTING BALL FIELD BASES, AS NEEDED FOR UTILITY INSTALLATION. DOCUMENT EXACT LOCATION OF THE BASE FOR USE DURING THE REINSTALLATION.

SYMBOL LEGEND

- REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT SECTION
- REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT SECTION
- REMOVE AND DISPOSE OF EXISTING GRAVEL SECTION
- REMOVE AND DISPOSE OF EXISTING AGLIME SECTION



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CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

NUMBER	DESCRIPTION	DATE
1	ADDENDUM #1	02/12/24
2	ADDENDUM #2	02/15/24
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6	PR 04	08/16/24

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Print Name: Justin Nielsen, P.E.
 Signature: *[Signature]*
 Date: 02/01/2024 Registration No. 52687

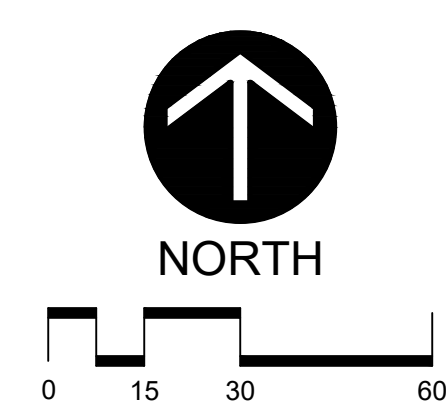


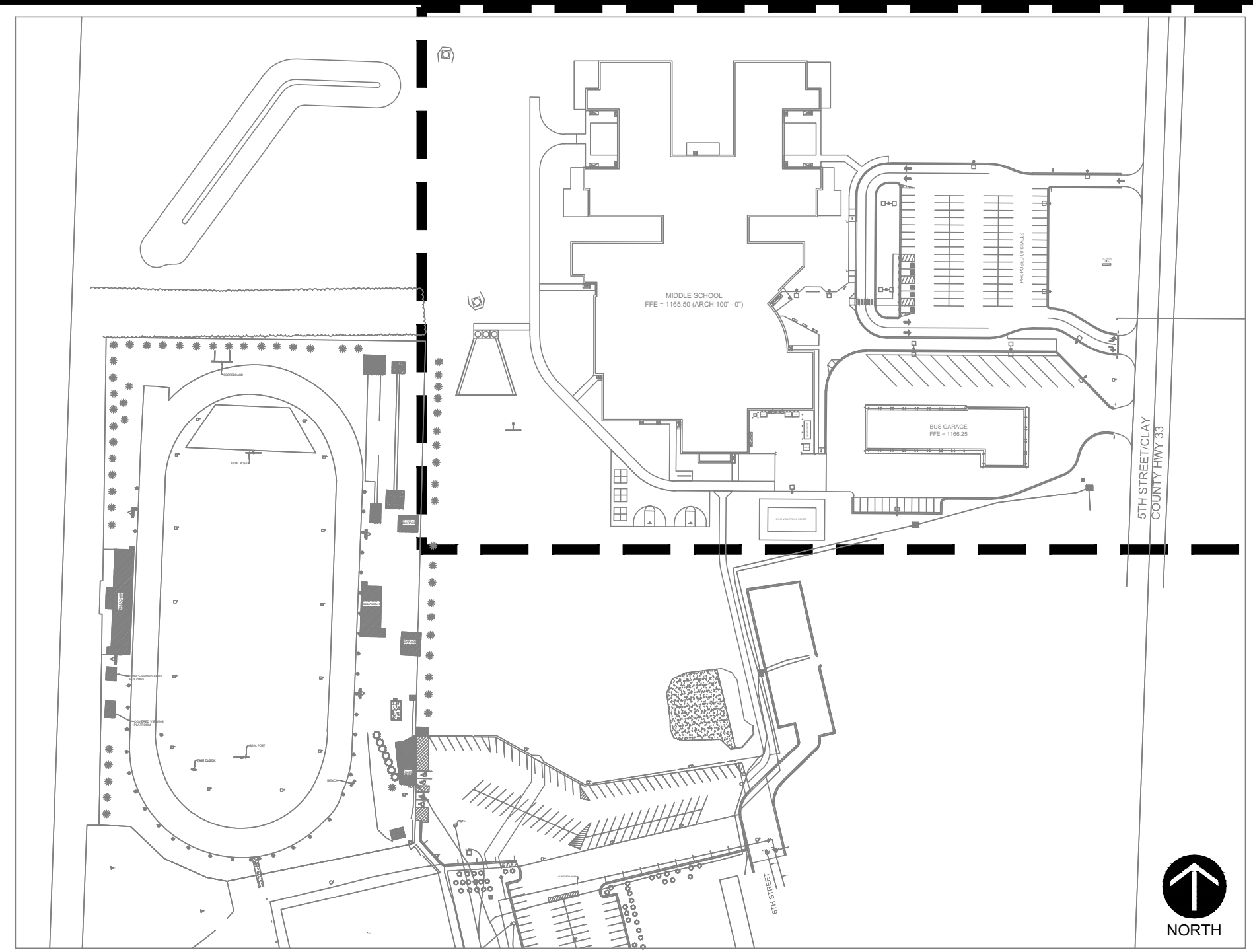
HAWLEY PUBLIC SCHOOLS MIDDLE SCHOOL

DEMOLITION PLAN

Project No.: 12226178
 Date: 02/01/2024

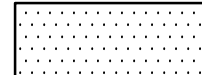
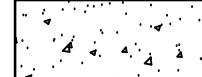

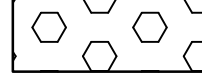
C100





KEY PLAN
NOT TO SCALE

SYMBOL LEGEND

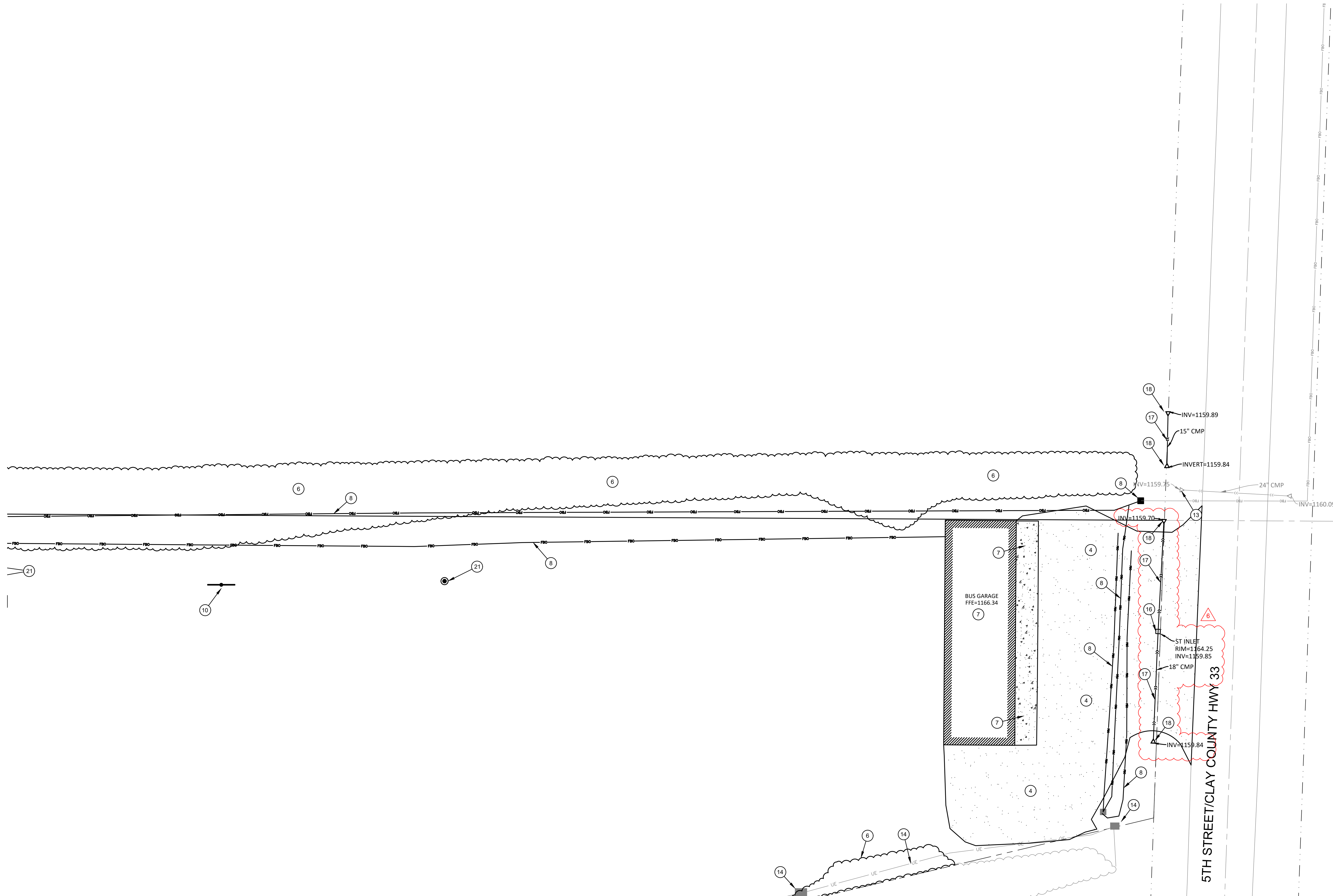
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DEMOLITION NOTES

1. See Sheet C100 for Demolition Notes.



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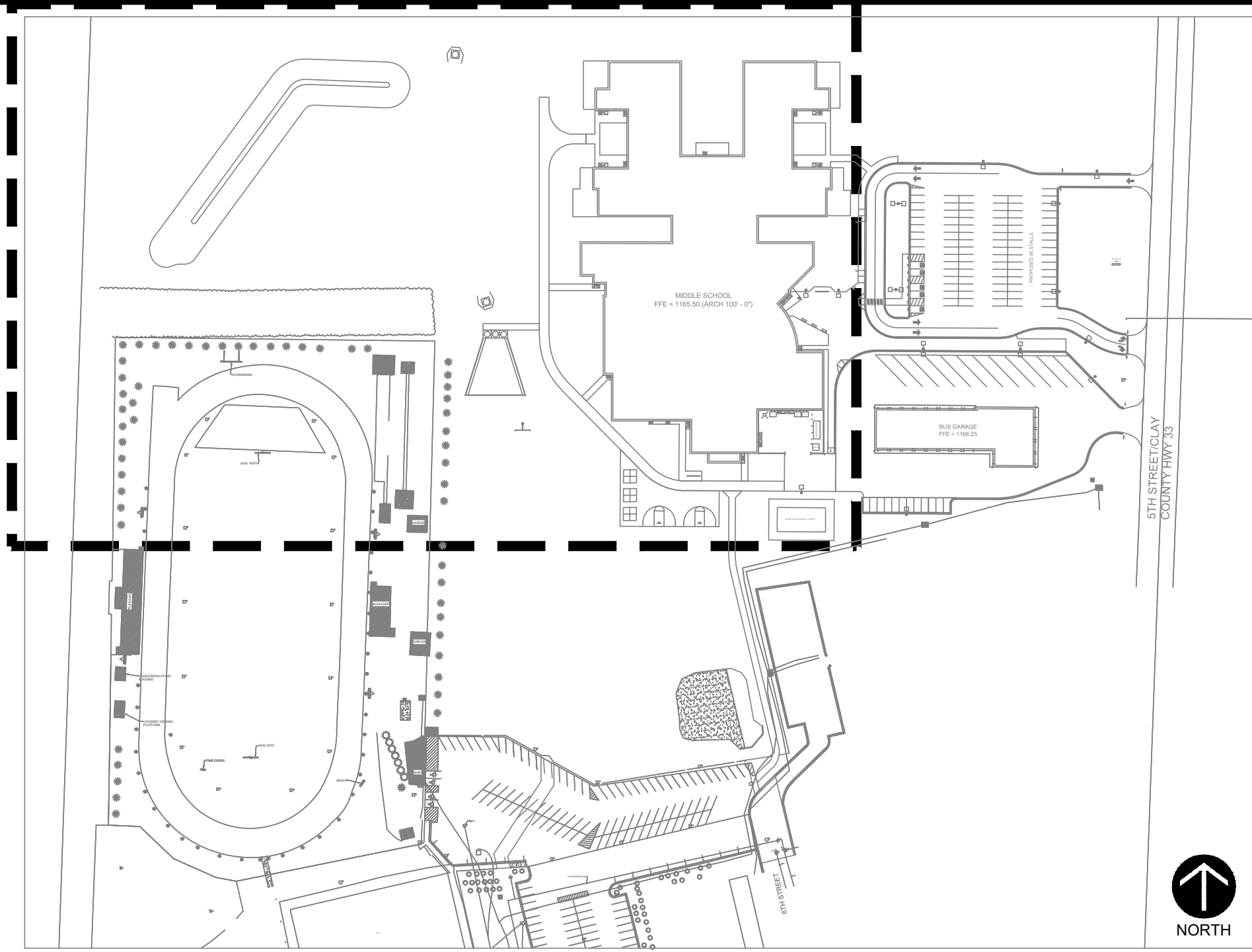
Print Name: Justin Nielsen, P.E.
Signature: *Justin Nielsen*
Date: 02/01/2024 Registration No. 52687



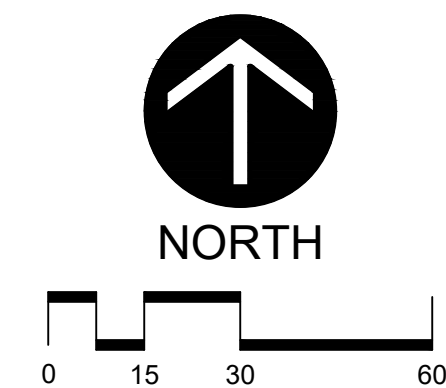
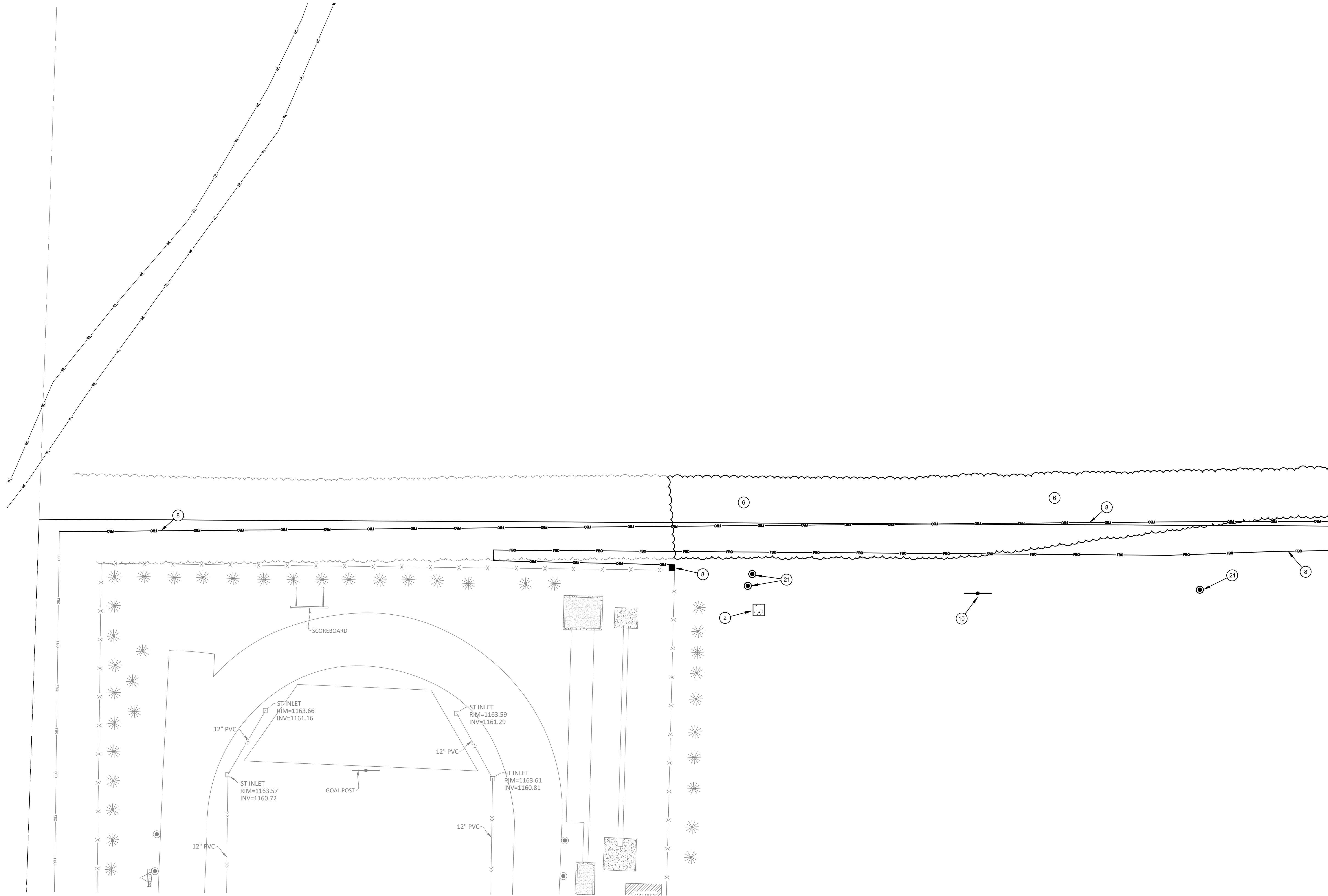
HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL

DEMOLITION PLAN

Project No.: 12226178
Date: 02/01/2024



KEY PLAN
NOT TO SCALE



SYMBOL LEGEND

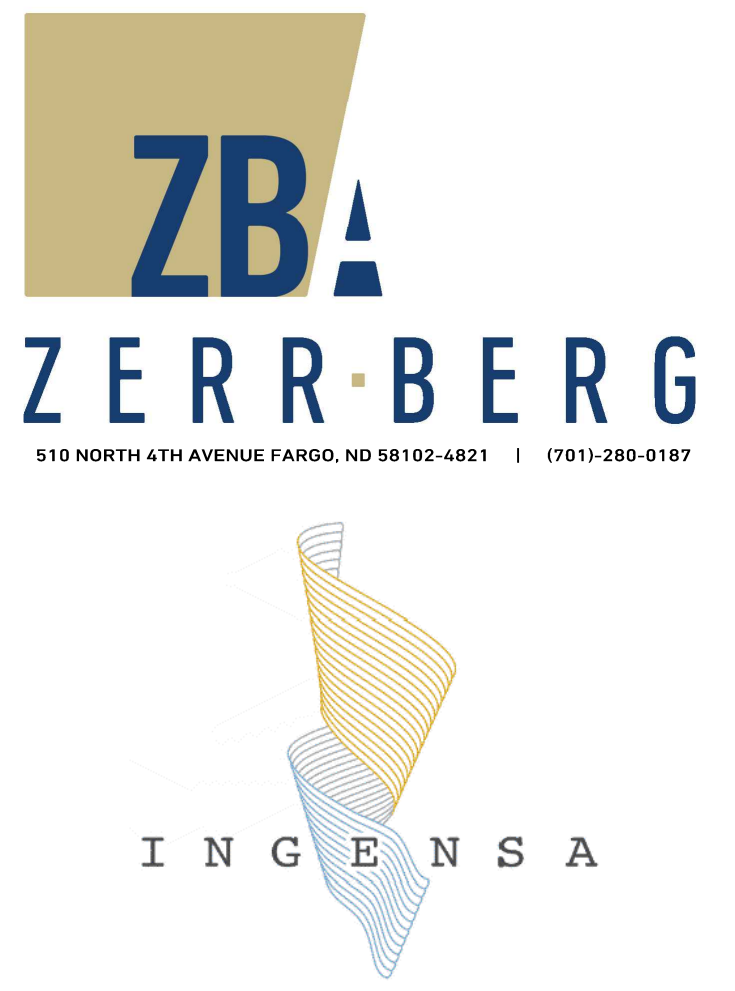
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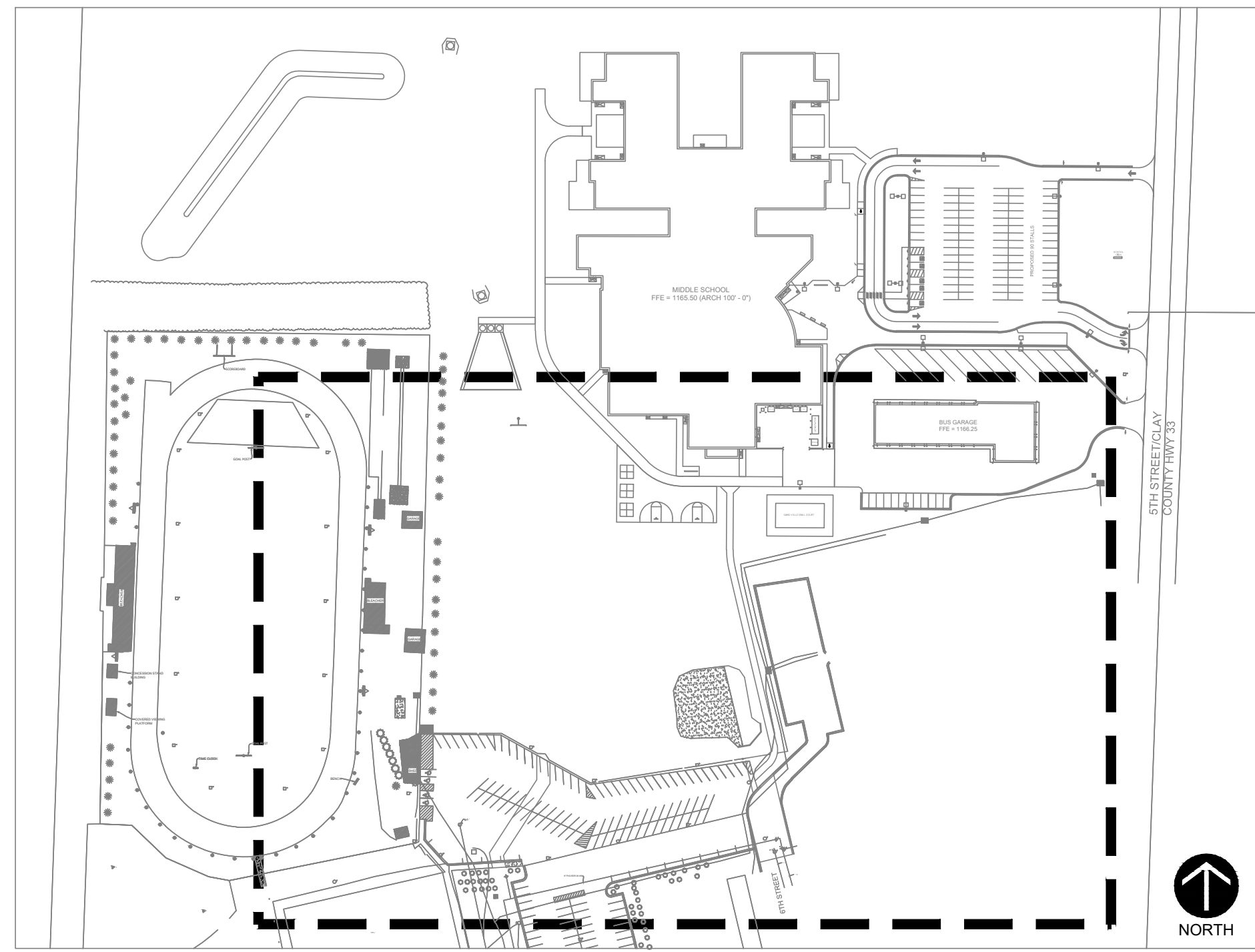


**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

DEMOLITION PLAN

Project No.: 12226178
Date: 02/01/2024

C102



KEY PLAN
NOT TO SCALE



SYMBOL LEGEND

- NEW LIGHT-DUTY BITUMINOUS PAVEMENT SEE DETAIL 1/C500
- NEW HEAVY-DUTY BITUMINOUS PAVEMENT SEE DETAIL 2/C500
- MATCH EXISTING BITUMINOUS PAVEMENT SECTION
- NEW LIGHT-DUTY CONCRETE PAVEMENT SEE DETAIL 3/C500
- NEW HEAVY-DUTY CONCRETE PAVEMENT SEE DETAIL 4/C500
- NEW STOOP/APRON SEE ARCHITECTURAL/STRUCTURAL
- NEW AG-LIME SURFACING SEE DETAIL 2/C503
- NEW VOLLEYBALL SAND SECTION SEE DETAIL 11/C502
- PAVEMENT MARKINGS

GENERAL

- PROPERTY LINE
- EASEMENT LINE
- RIGHT-OF-WAY LINE

KEY NOTES

- 1 LIGHT DUTY BITUMINOUS PAVEMENT, SEE DETAIL 1/C500
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- 3 MATCH EXISTING BITUMINOUS PAVEMENT SECTION, ASSUME HEAVY-DUTY SECTION FOR BIDDING PURPOSE
- 4 LIGHT-DUTY CONCRETE PAVEMENT, SEE DETAIL 3/C500
- 5 HEAVY-DUTY CONCRETE PAVEMENT, SEE DETAIL 4/C500
- 6 B612 CONCRETE CURB AND GUTTER, SEE DETAIL 5/C500
- 7 SURMOUNTABLE CURB AND GUTTER, SEE DETAIL 6/C500
- 8 B618 CONCRETE CURB AND GUTTER, SEE DETAIL 7/C500
- 9 BOLLARD, SEE DETAIL 8/C500
- 10 PARKING SIGN AND POST, SEE DETAIL 9/C500
 - A: ADA PARKING STALL
 - B: STOP
 - C: DO NOT ENTER
 - D: DROP OFF LANE KEEP RIGHT
 - E: BUSES AND DELIVERY ONLY
 - F: ADA LOADING ZONE
- 11 ACCESSIBLE RAMP, SEE DETAIL 10/C500
 - A: TYPE 1
 - B: TYPE 2
- 12 FLAGPOLE, SEE DETAIL 11/C500
- 13 BASKETBALL GOAL, SEE DETAIL 13/C500
- 14 BASKETBALL COURT STRIPING, SEE DETAIL 12/C500
- 15 PARKING SIGN, POST, AND BOLLARD, SEE DETAIL 14/C500
 - A: ADA PARKING STALL
 - B: NO PARKING ACCESS AISLE
- 16 DISCUS EVENT, SEE DETAIL 1/C501
- 17 SHOT PUT EVENT, SEE DETAIL 2/C501
- 18 4' FENCING, SEE DETAIL 3/C501
- 19 MONUMENT SIGN, SEE ARCH./STRL.
- 20 BIKE RACK, SEE SPECIFICATIONS
- 21 BENCH, SEE SPECIFICATIONS
- 22 GAS METER, SEE MECH.
- 23 LIGHT POLE, SEE ELEC.
- 24 INSTALL SALVAGED GOAL POST, SEE DETAIL 3/C503
- 25 TRANSITION CURB
- 26 BALL FIELD BACKSTOP, SEE DETAIL 1/C503
- 27 AG-LIME SURFACING, SEE DETAIL 2/C503
- 28 DISCUS EVENT WITH SALVAGED CAGE, SEE DETAIL 1/C501
- 29 FOUR SQUARE STRIPING 16'X16'
- 30 RESTORE EXISTING STRIPING
- 31 SAND VOLLEYBALL COURT, SEE DETAIL 11/C502
- 32 FURNISH AND INSTALL VOLLEYBALL STANDARDS AND NET, SEE SPECIFICATIONS
- 33 REINSTALL SALVAGED BALL FIELD BASES



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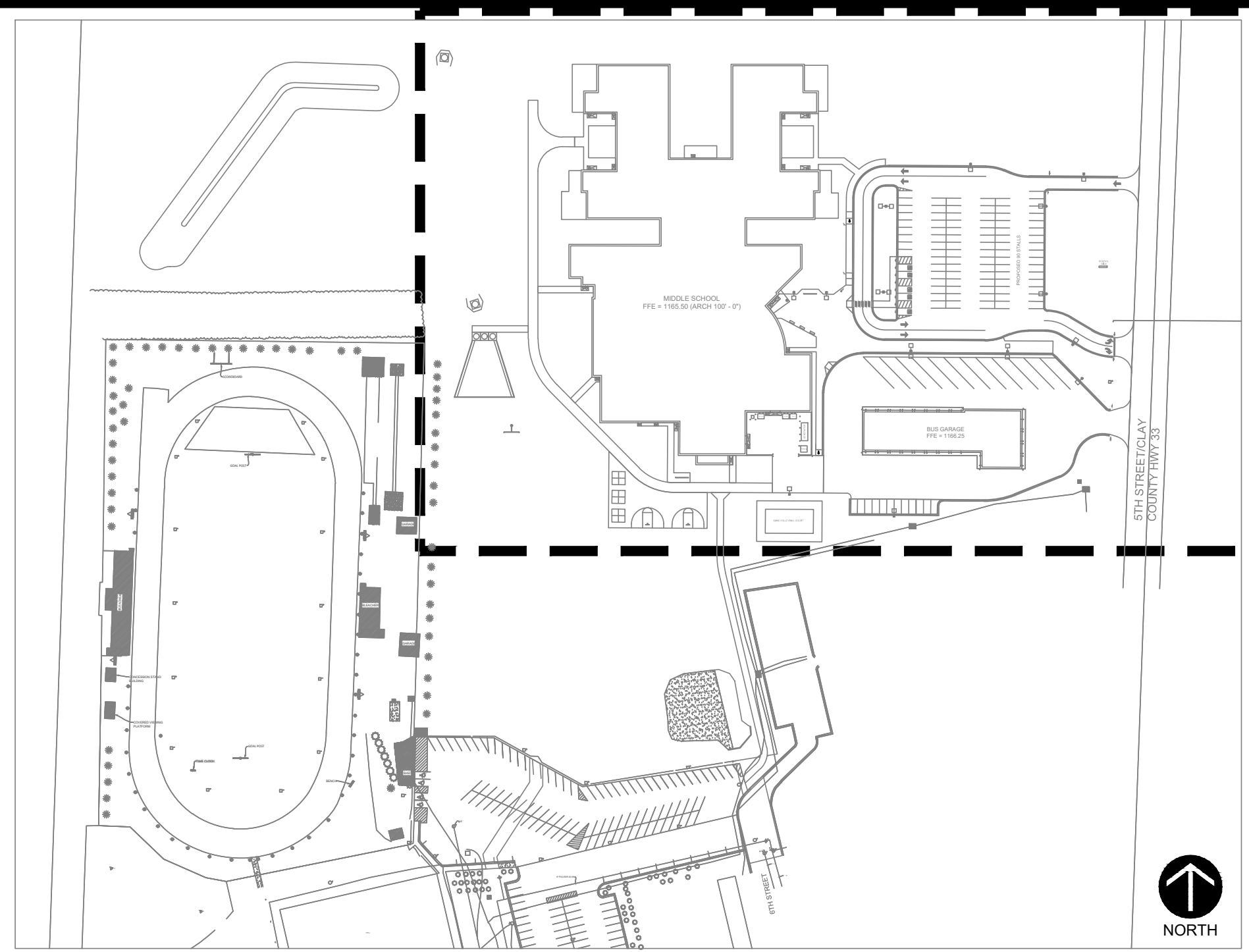


**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

PAVING & DIMENSION PLAN

Project No.: 12224178
 Date: 02/01/2024

C200



KEY PLAN
NOT TO SCALE

SYMBOL LEGEND

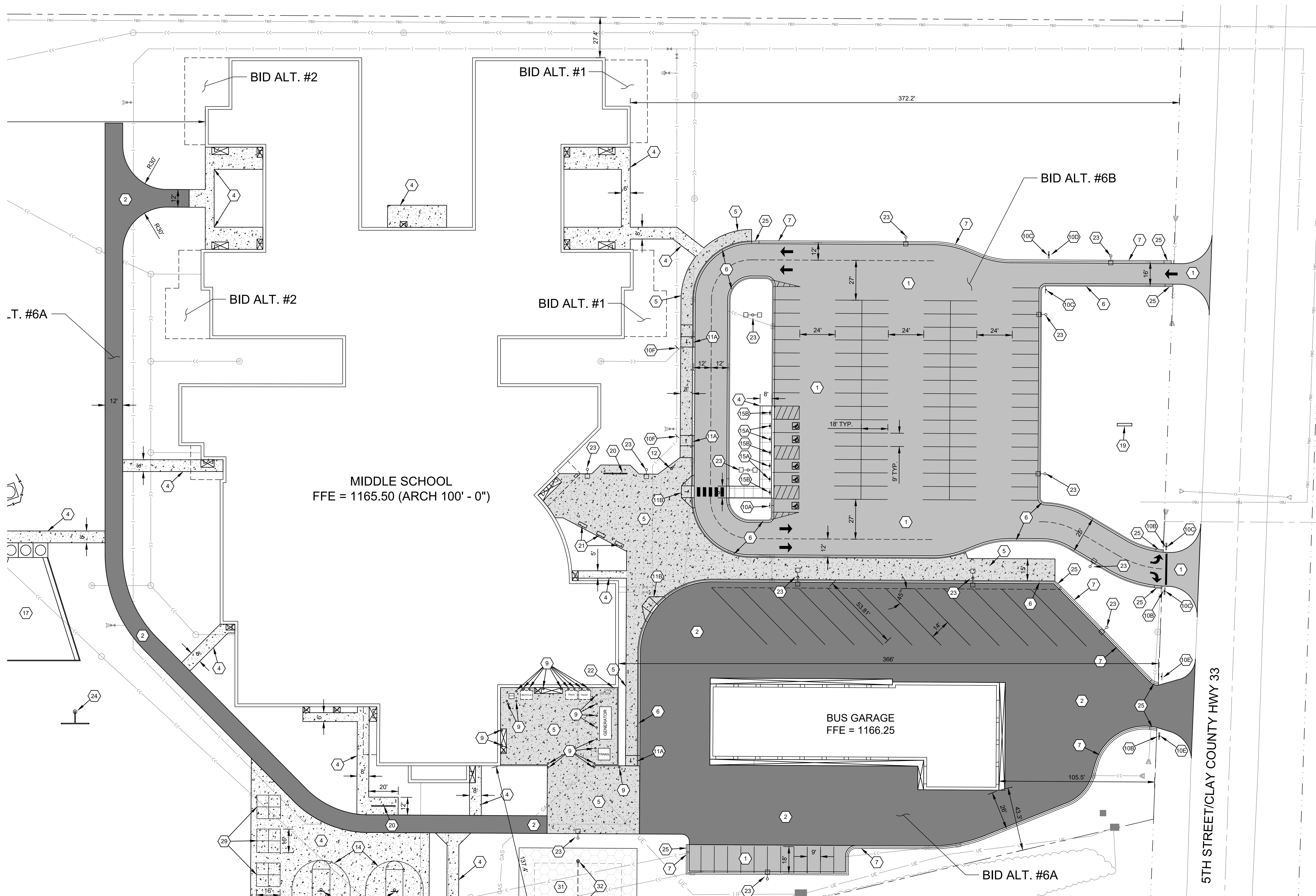
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- NEW STOOP/APRON
SEE ARCHITECTURAL/STRUCTURAL
- NEW AG-LIME SURFACING
SEE DETAIL 2/C503
- NEW VOLLEYBALL SAND SECTION
SEE DETAIL 11/C502
- PAVEMENT MARKINGS

GENERAL

- PROPERTY LINE
- EASEMENT LINE
- RIGHT-OF-WAY LINE

KEY NOTES

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- 9 BOLLARD, SEE DETAIL 8/C500
- 10 PARKING SIGN AND POST, SEE DETAIL 9/C500
A: ADA PARKING STALL
B: STOP
C: DO NOT ENTER
D: DROP OFF LANE KEEP RIGHT
E: BUSES AND DELIVERY ONLY
F: ADA LOADING ZONE
- 11 ACCESSIBLE RAMP, SEE DETAIL 10/C500
A: TYPE 1
B: TYPE 2
- 12 FLAGPOLE, SEE DETAIL 11/C500
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- 14 BASKETBALL COURT STRIPING, SEE DETAIL 12/C500
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A: ADA PARKING STALL
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- 16 DISCUS EVENT, SEE DETAIL 1/C501
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Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (f) 651.481.9201
www.larsonengr.com

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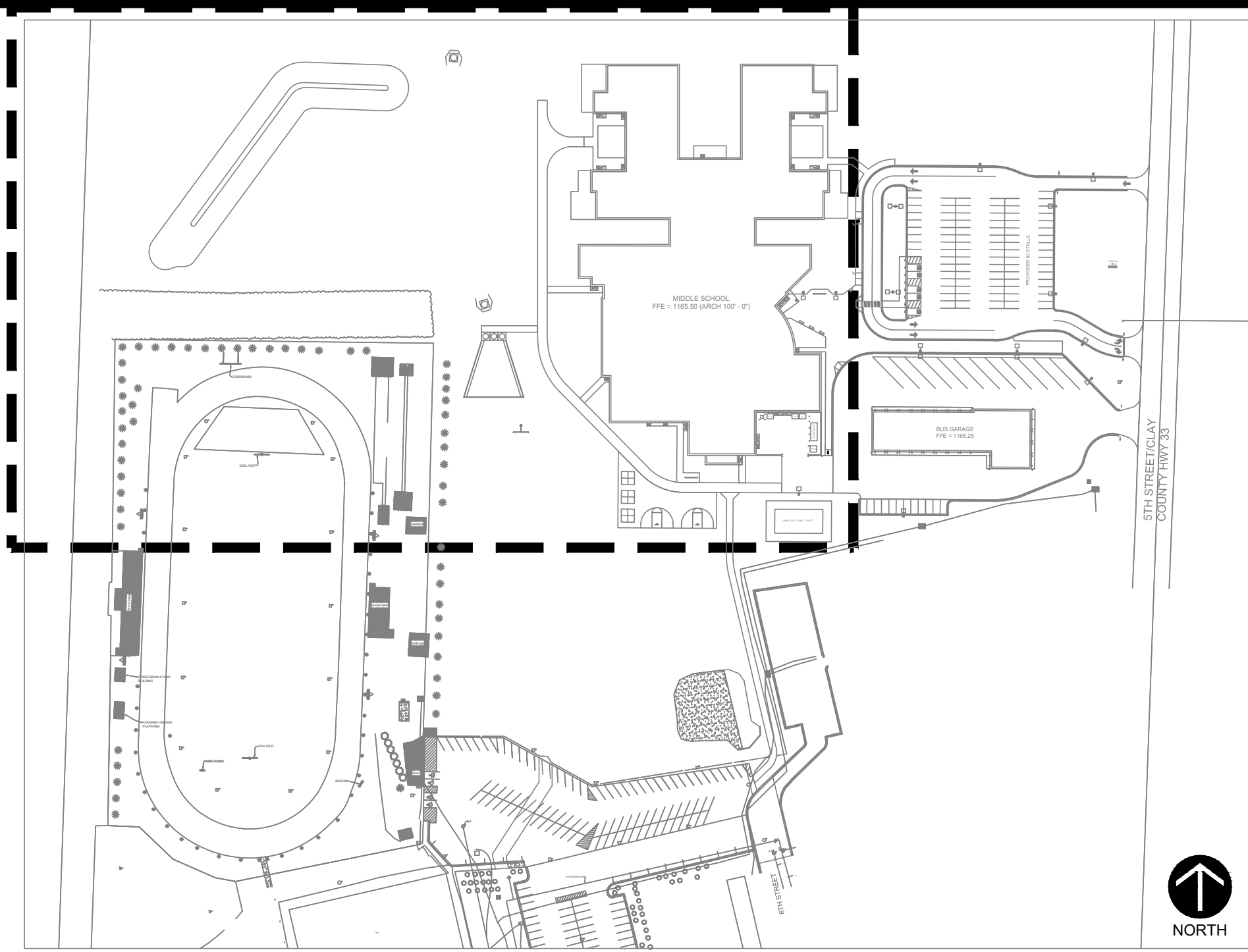


**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

PAVING & DIMENSION PLAN




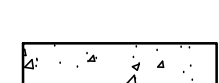
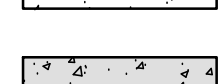
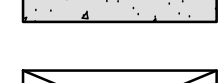
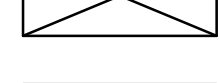


Project No.: 12224178
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C201






KEY PLAN
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SYMBOL LEGEND

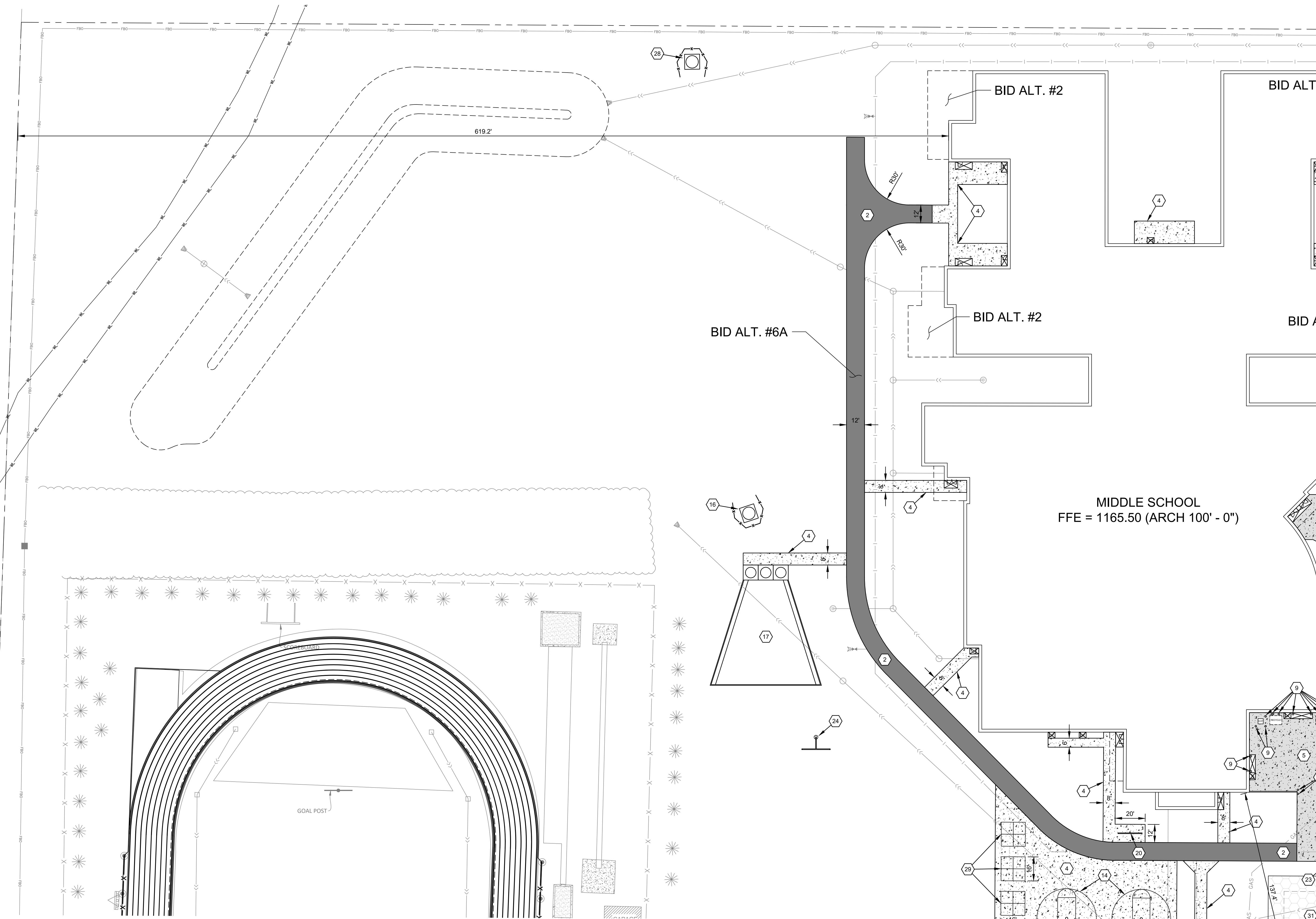
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- 30 RESTORE EXISTING STRIPING
- 31 SAND VOLLEYBALL COURT, SEE DETAIL 11/C502
- 32 FURNISH AND INSTALL VOLLEYBALL STANDARDS AND NET, SEE SPECIFICATIONS
- 33 REINSTALL SALVAGED BALL FIELD BASES



CONSTRUCTION DOCUMENTS

REVISION SCHEDULE

NUMBER	DESCRIPTION	DATE
1	ADDENDUM #1	02/12/24
2	ADDENDUM #2	02/15/24
3	ADDENDUM #3	02/22/24
4	STATE REVIEW	05/31/24
5	PR 03	08/01/24
6	PR 04	08/16/24

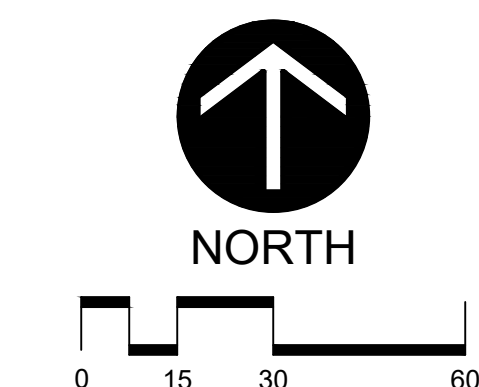
I hereby certify that this plan, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Minnesota.

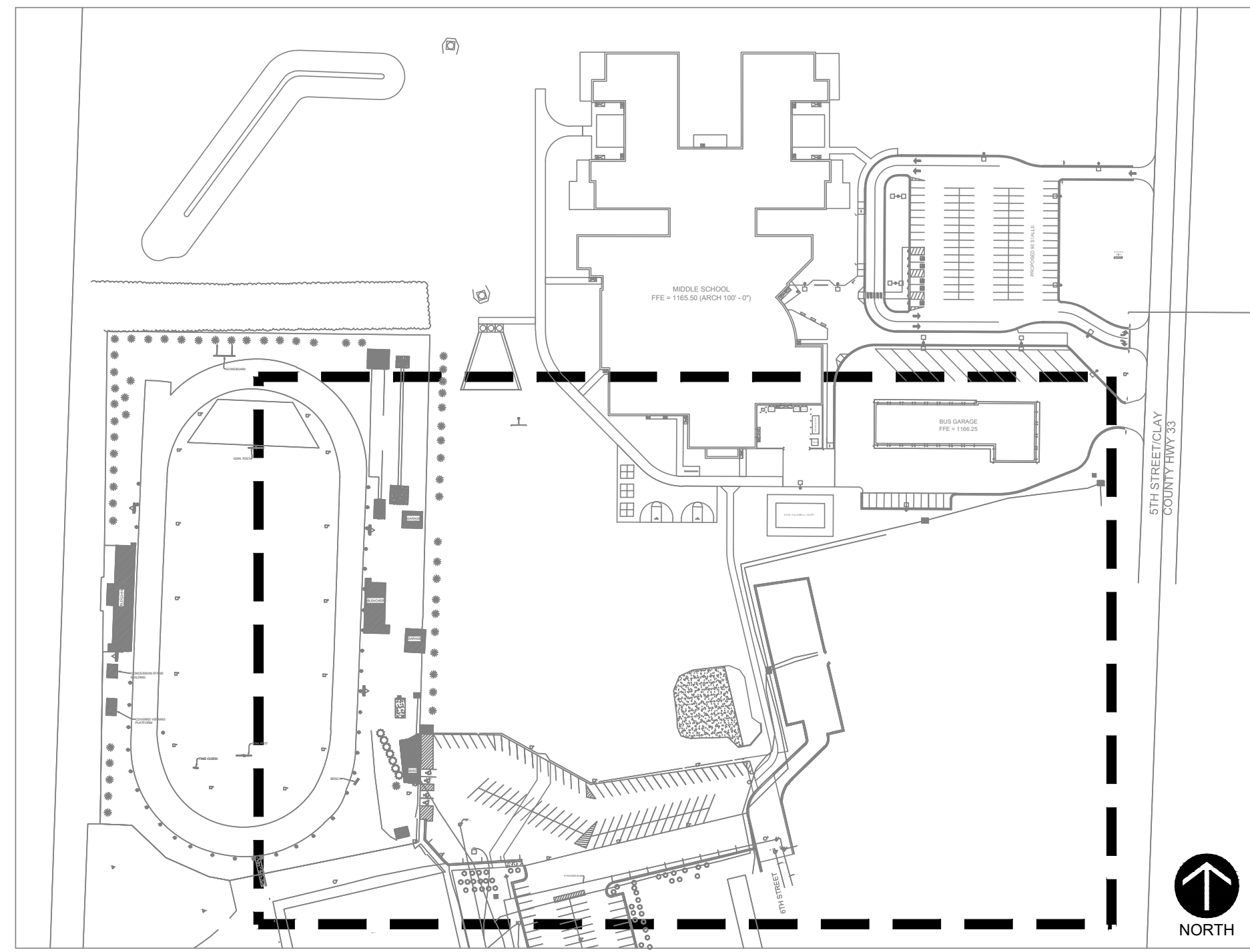
Print Name: Justin Nielsen, P.E.
Signature: *Justin Nielsen*
Date: 02/01/2024 Registration No. 52487



**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

PAVING & DIMENSION PLAN





KEY PLAN
NOT TO SCALE

GRADING NOTES

1. Tree protection consisting of snow fence or safety fence installed at the drip line shall be in place prior to beginning any grading or demolition work at the site.
2. All elevations with an asterisk (*) shall be field verified. If elevations vary significantly, notify the Engineer for further instructions.
3. Grades shown in paved areas represent finish elevation.
4. All construction shall be performed in accordance with state and local standard specifications for construction.
5. Install erosion control blanket on all slopes 4:1 or greater. See detail 8/C501.

EROSION CONTROL NOTES

1. See Sheet C700 for Erosion Control Notes.

SYMBOL LEGEND

- 950 --- EXISTING CONTOURS
- 950 --- PROPOSED CONTOURS - MAJOR INTERVAL
- 949 --- PROPOSED CONTOURS - MINOR INTERVAL
- GRADE BREAK LINE
- GRADE SLOPE
- SEDIMENT LOG, SEE DETAIL 7/C501
- RIP-RAP, SEE DETAIL 4/C501 AND 5/C501
- INLET PROTECTION, SEE DETAIL 9/C501
- ROCK CONST. ENTRANCE, SEE DETAIL 6/C501 (EXACT LOCATION TO BE DETERMINED)
- SPOT ABBREVIATIONS:
 TC - TOP OF CURB
 GL - GUTTER LINE
 GO - GUTTER OUT
 B - BITUMINOUS
 C - CONCRETE
 EOF - EMERGENCY OVERFLOW
 G - GROUND
 FFE - FINISH FLOOR ELEVATION
 (*) - EXISTING TO BE VERIFIED



Larson Engineering, Inc.
 3524 Labore Road
 White Bear Lake, MN 55110
 651.481.9120 (f) 651.481.9201
 www.larsonengr.com

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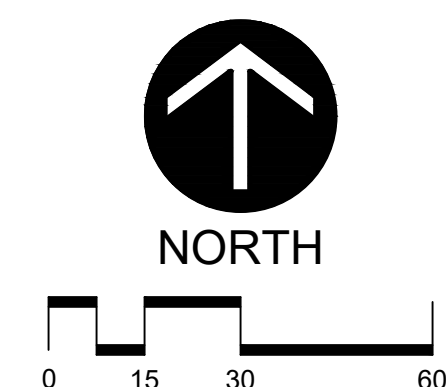


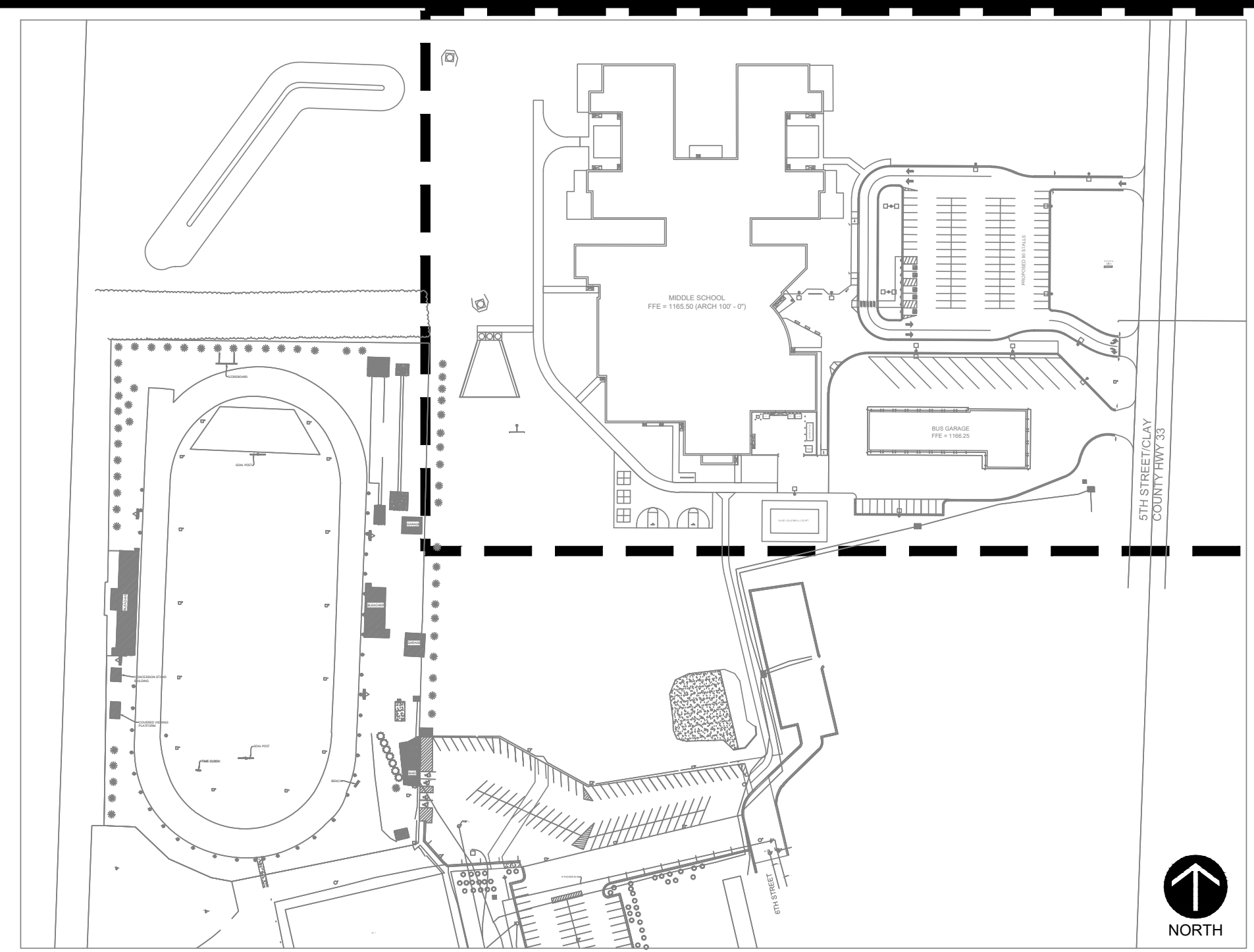
**HAWLEY PUBLIC SCHOOLS
 MIDDLE SCHOOL**

GRADING & EROSION CONTROL PLAN

Project No.: 12224178
 Date: 02/01/2024

C300





KEY PLAN
NOT TO SCALE

GRADING NOTES

- See Sheet C300 for Grading Notes.

EROSION CONTROL NOTES

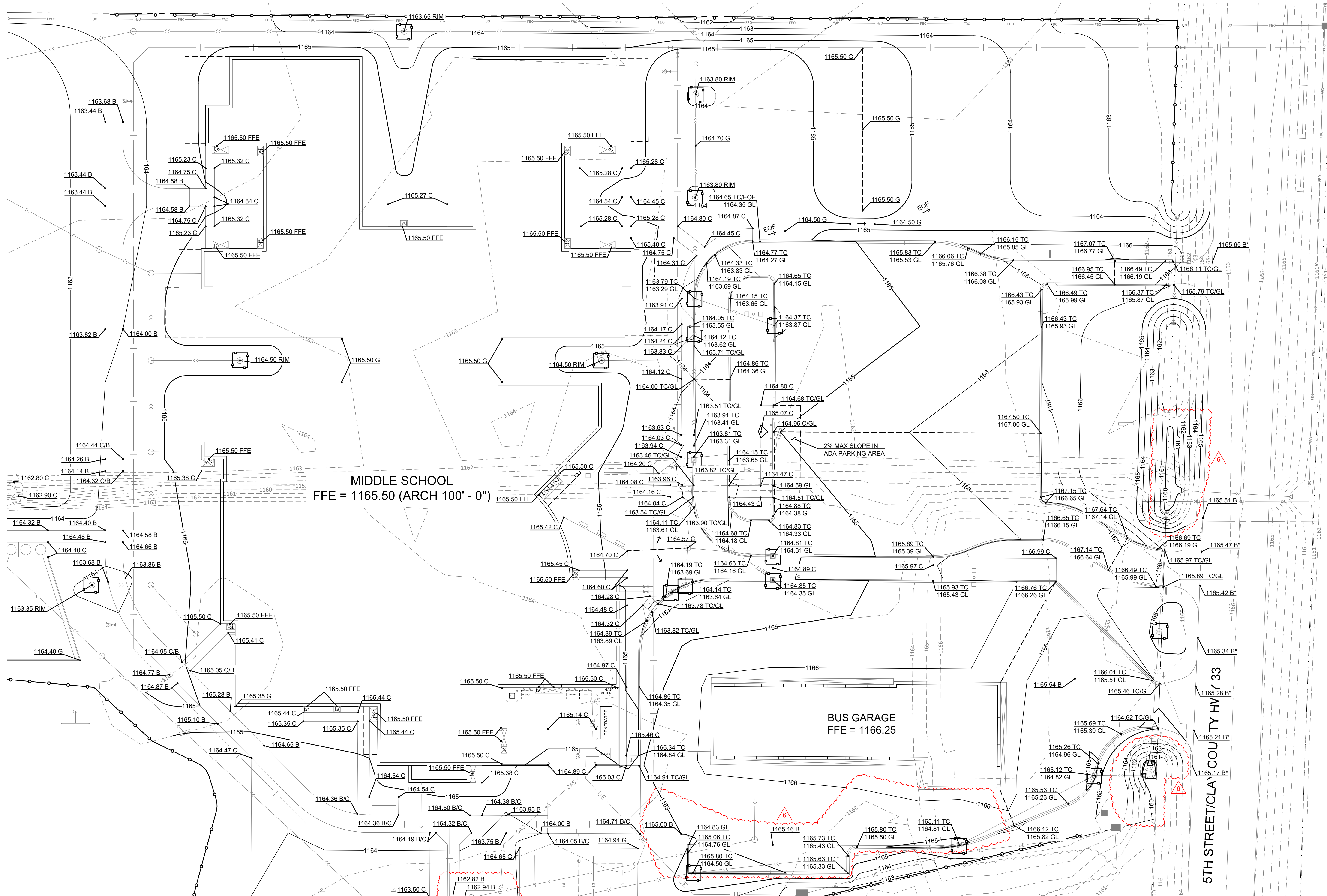
- See Sheet C700 for Erosion Control Notes.

SYMBOL LEGEND

- 950 --- EXISTING CONTOURS
- 950 --- PROPOSED CONTOURS - MAJOR INTERVAL
- 949 --- PROPOSED CONTOURS - MINOR INTERVAL
- GRADE BREAK LINE
- GRADE SLOPE
- 2.0% ---
- SEDIMENT LOG, SEE DETAIL 7/C501
- RIP-RAP, SEE DETAIL 4/C501 AND 5/C501
- INLET PROTECTION, SEE DETAIL 9/C501
- ROCK CONST. ENTRANCE, SEE DETAIL 6/C501 (EXACT LOCATION TO BE DETERMINED)
- SPOT ABBREVIATIONS: TC - TOP OF CURB, GL - GUTTER LINE, GO - GUTTER OUT, B - BITUMINOUS, C - CONCRETE, EOF - EMERGENCY OVERFLOW, G - GROUND, FFE - FINISH FLOOR ELEVATION, (*) - EXISTING TO BE VERIFIED



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CONSTRUCTION DOCUMENTS
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Signature: *[Signature]*
Date: 02/01/2024 Registration No. 52487

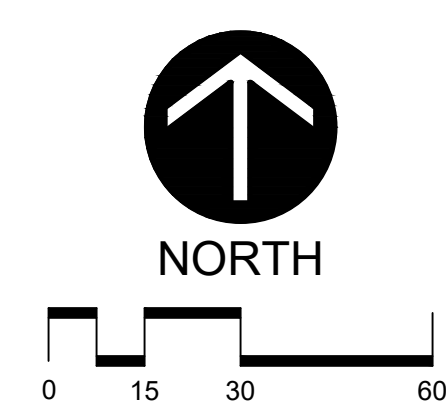


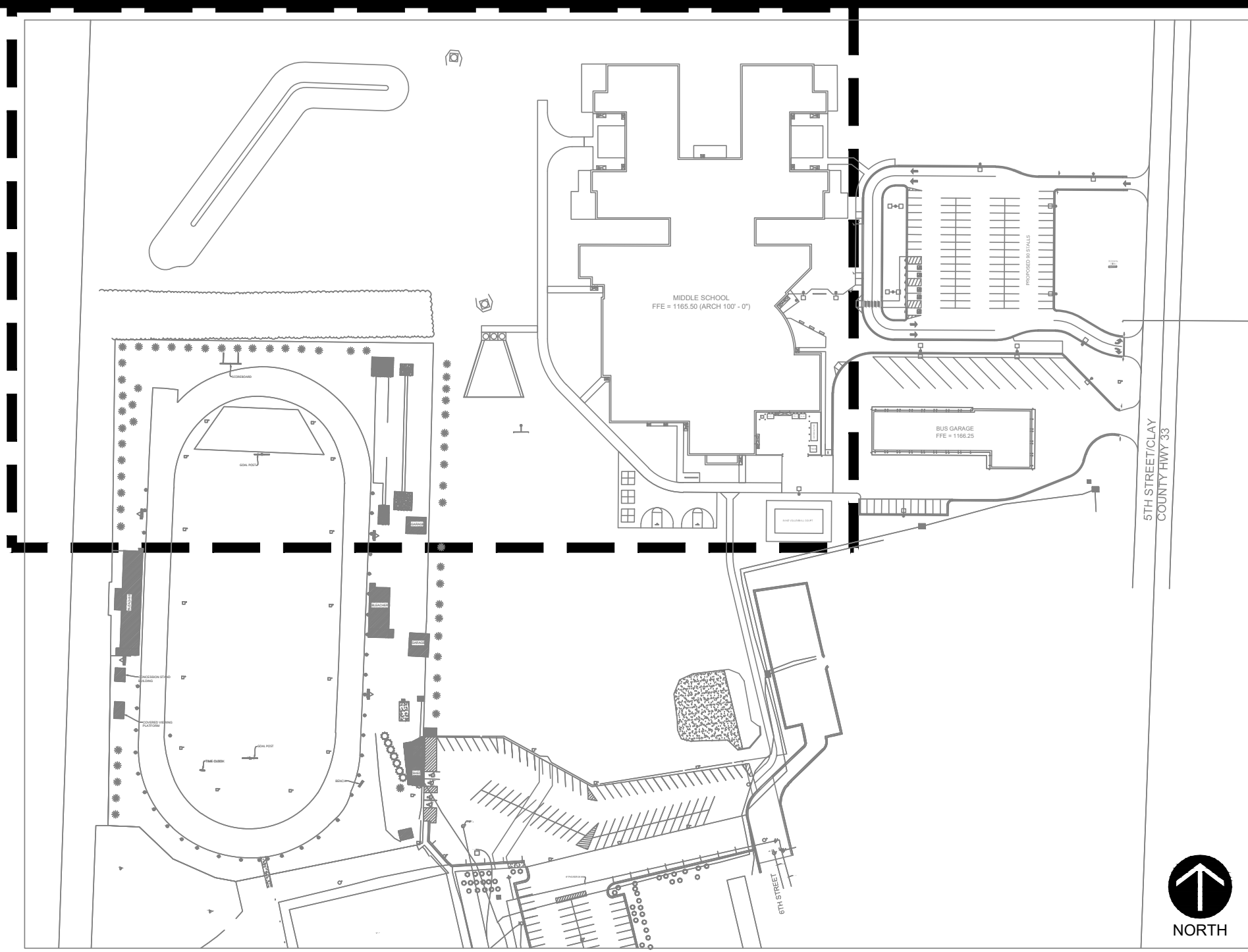
HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL

GRADING & EROSION CONTROL PLAN

Project No.: 12224178
Date: 02/01/2024

C301





KEY PLAN
NOT TO SCALE

GRADING NOTES

1. See Sheet C300 for Grading Notes.

EROSION CONTROL NOTES

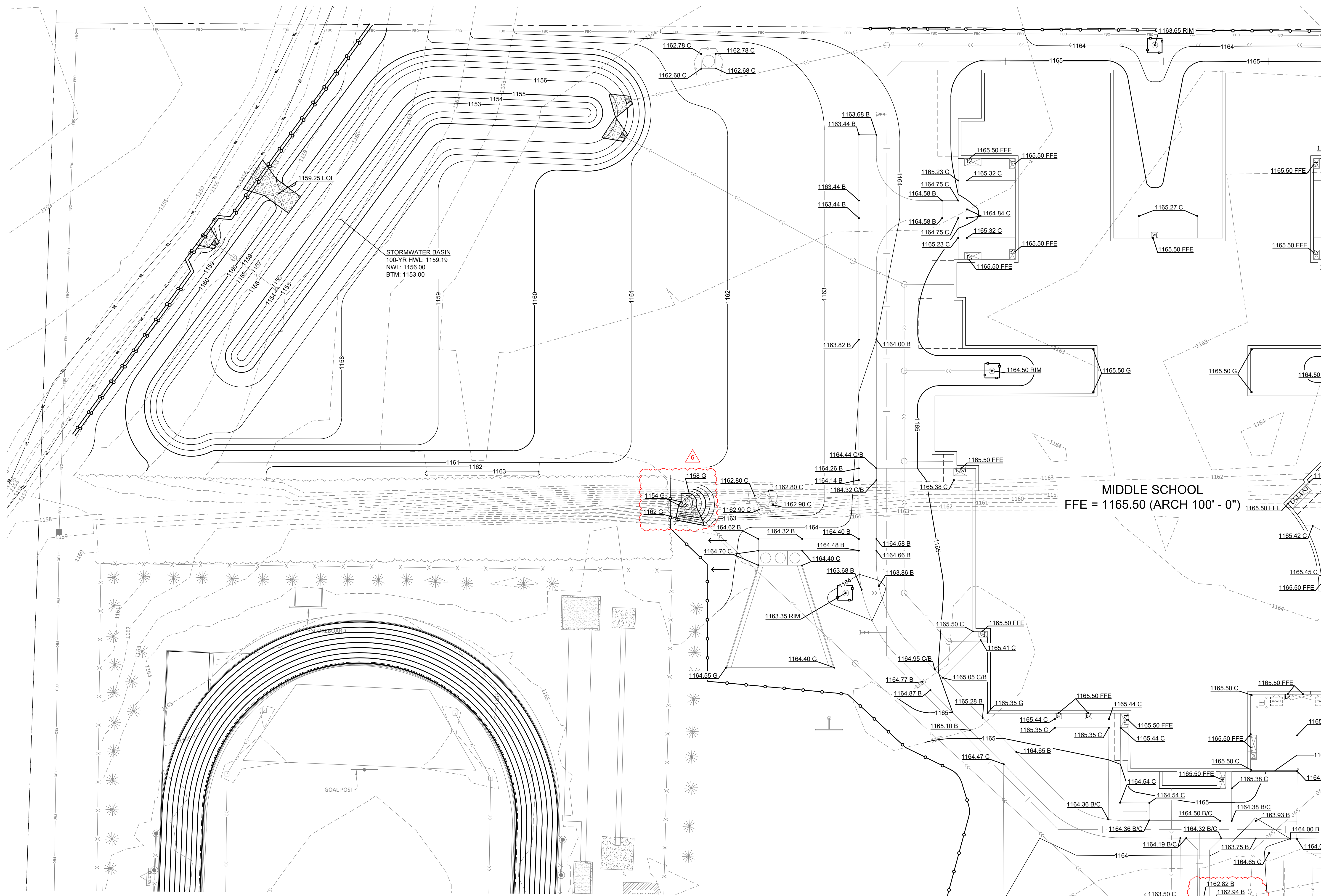
1. See Sheet C700 for Erosion Control Notes.

SYMBOL LEGEND

- 950 --- EXISTING CONTOURS
- 950 --- PROPOSED CONTOURS - MAJOR INTERVAL
- 949 --- PROPOSED CONTOURS - MINOR INTERVAL
- GRADE BREAK LINE
- GRADE SLOPE
- 2.0% ---
- SEDIMENT LOG, SEE DETAIL 7/C501
- RIP-RAP, SEE DETAIL 4/C501 AND 5/C501
- INLET PROTECTION, SEE DETAIL 9/C501
- ROCK CONST. ENTRANCE, SEE DETAIL 6/C501 (EXACT LOCATION TO BE DETERMINED)
- SPOT ABBREVIATIONS:
 - TC - TOP OF CURB
 - GL - GUTTER LINE
 - GO - GUTTER OUT
 - B - BITUMINOUS
 - C - CONCRETE
 - EOF - EMERGENCY OVERFLOW
 - G - GROUND
 - FFE - FINISH FLOOR ELEVATION
 - (*) - EXISTING TO BE VERIFIED



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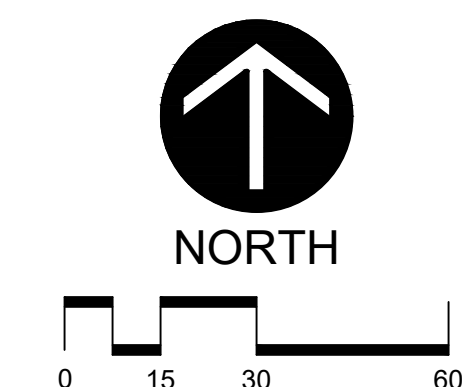
Print Name: Justin Nielsen, P.E.
Signature: *Justin Nielsen*
Date: 02/01/2024 Registration No. 52487

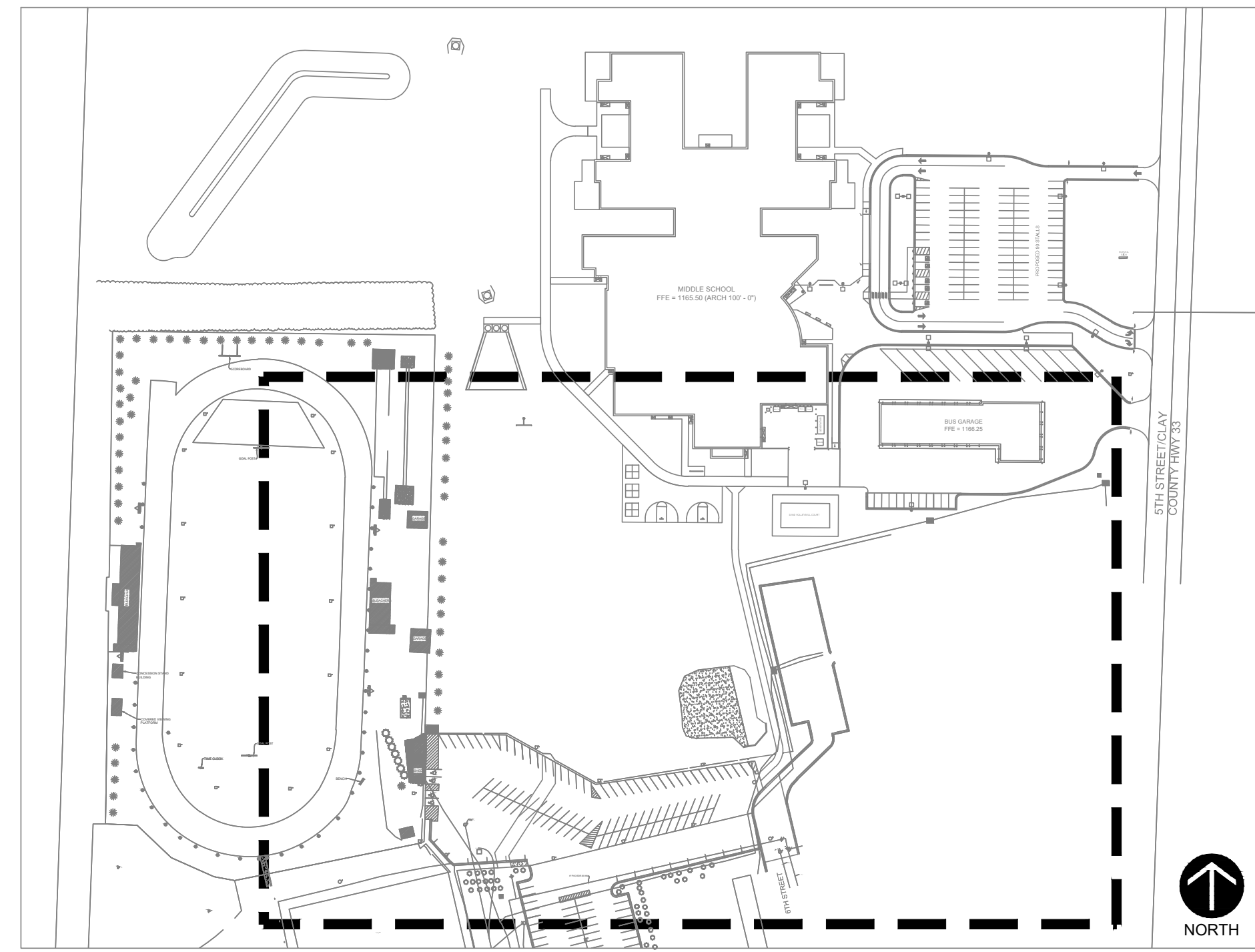


**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

GRADING & EROSION CONTROL PLAN

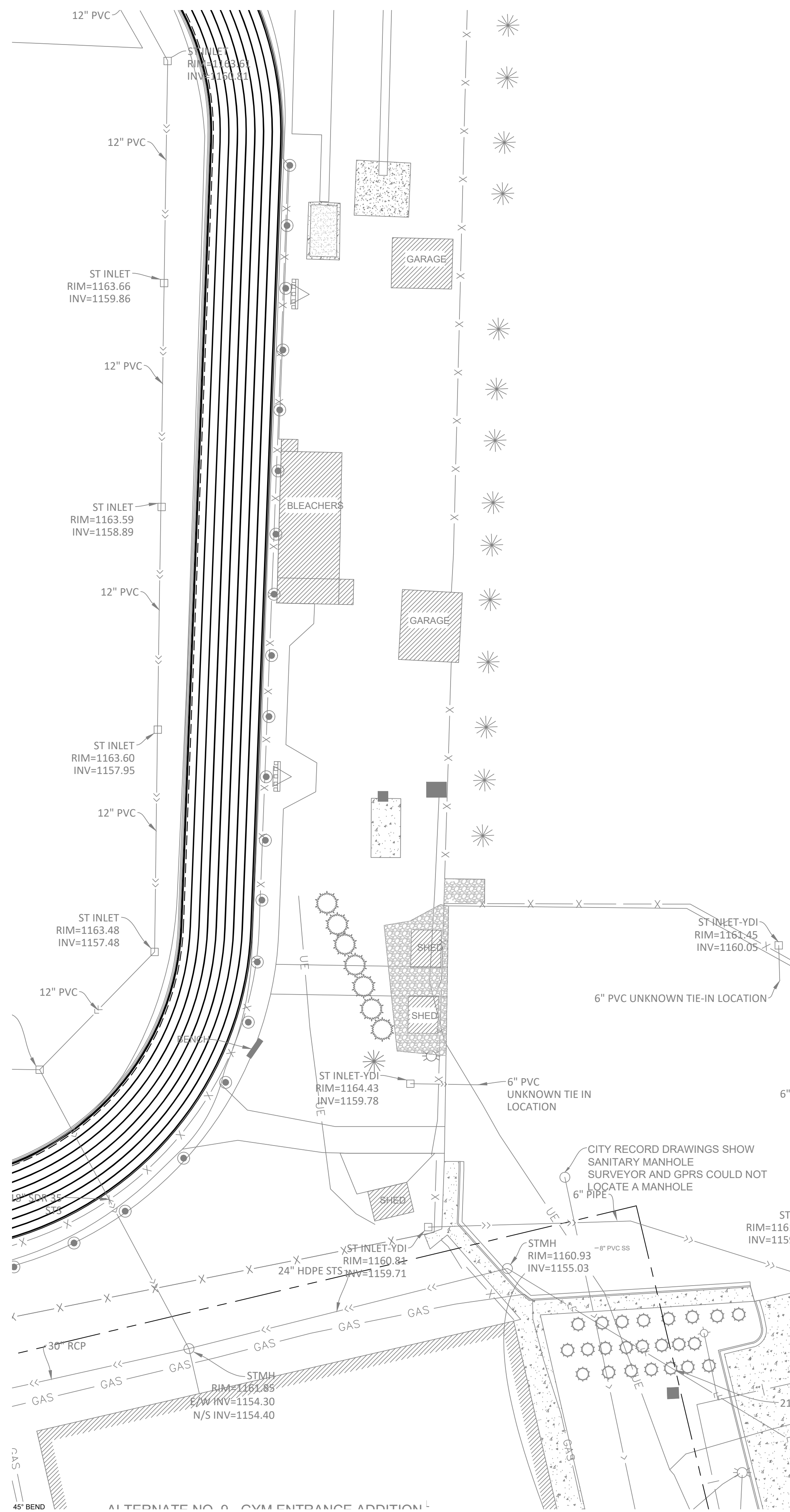
Project No.: 12224178
Date: 02/01/2024 **C302**





KEY PLAN

NOT TO SCALE



KEY NOTES

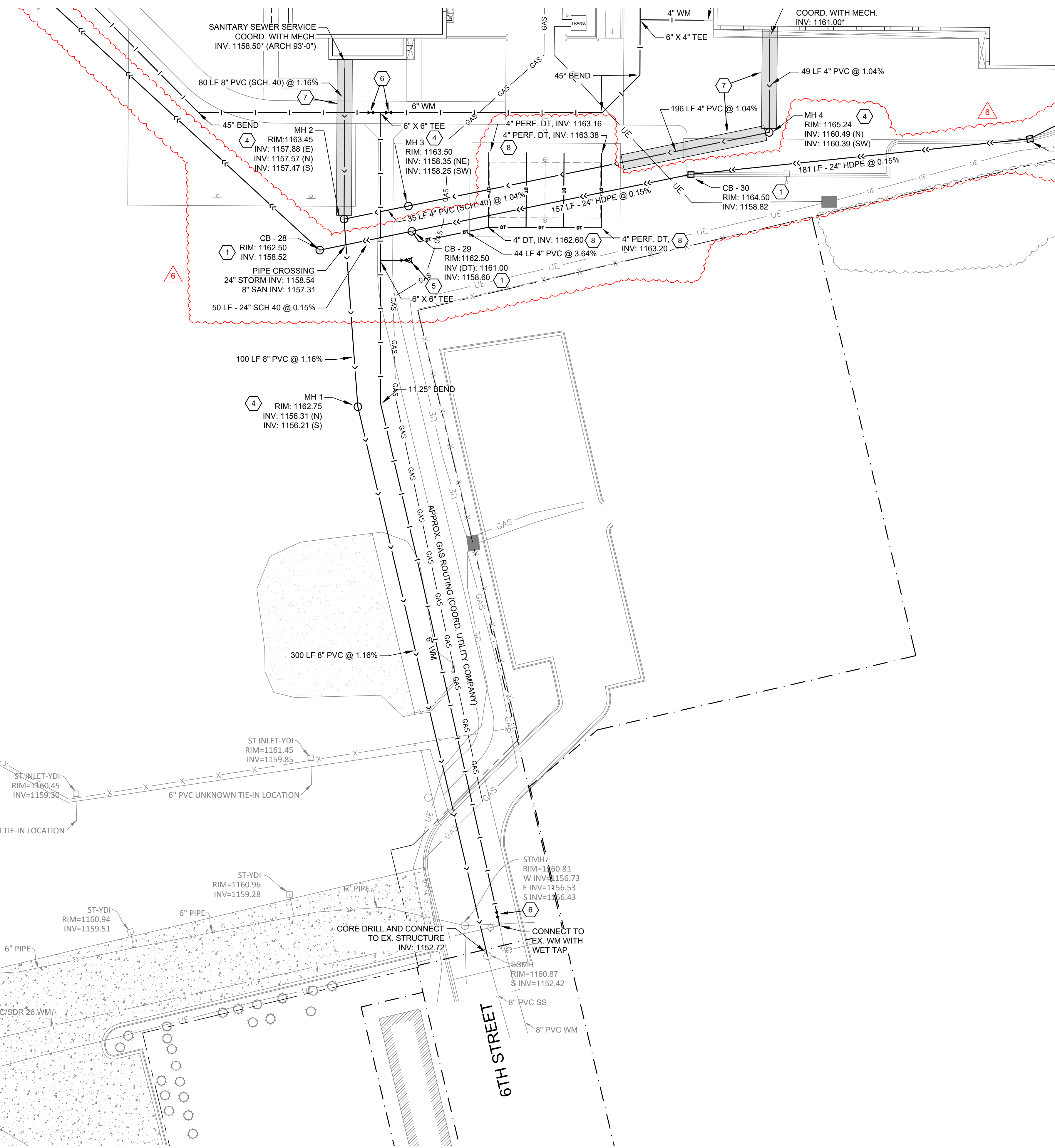
- 1 STORM SEWER MANHOLE, SEE DETAIL 2/C502
- 2 FLARED END SECTION, SEE DETAIL 3/C502
- 3 POND SKIMMER STRUCTURE, SEE DETAIL 4/C502
- 4 SANITARY SEWER MANHOLE, SEE DETAIL 5/C502
- 5 HYDRANT & GATE VALVE INSTALLATION, SEE DETAIL 6/C502
- 6 GATE VALVE INSTALLATION, SEE DETAIL 7/C502
- 7 PIPE INSULATION, SEE DETAIL 8/C502
- 8 4\"/>
- 9 4\"/>
- 10 CONCRETE FLARED END SECTION, SEE DETAIL 1/C401

SYMBOL LEGEND

- STORM MANHOLE
- CATCH BASIN
- CURB INLET
- ▲ FLARED END
- SANITARY MANHOLE
- HYDRANT
- ⊕ GATE VALVE & BOX
- ⊕ WATER SHUTOFF
- LIGHT POLE
- CTV
- OE
- FO
- GAS
- GAS
-
-
- DT
- CABLE UNDERGROUND LINE
- ELECTRIC OVERHEAD LINE
- ELECTRIC UNDERGROUND LINE
- FIBER OPTIC UNDERGROUND LINE
- NATURAL GAS UNDERGROUND LINE
- SANITARY SEWER PIPE
- STORM SEWER PIPE
- TELEPHONE UNDERGROUND LINE
- WATERMAIN PIPE
- DRAIN TILE PIPE
- PIPE INSULATION, SEE DETAIL 8/C502

UTILITY NOTES

1. It is the responsibility of the contractor to perform or coordinate all necessary utility connections and relocations from existing utility locations to the proposed building, as well as all onsite amenities. These connections include but are not limited to water, sanitary sewer, cable TV, telephone, gas, electric, site lighting, etc.
2. All service connections shall be performed in accordance with state and local standard specifications for construction. Utility connections (sanitary sewer, watermain, and storm sewer) may require a permit from the City.
3. The contractor shall verify the elevations at proposed connections to existing utilities prior to any demolition or excavation.
4. The contractor shall notify all appropriate engineering departments and utility companies 72 hours prior to construction. All necessary precautions shall be made to avoid damage to existing utilities.
5. Storm sewer requires testing in accordance with Minnesota plumbing code 4714.1109 where located within 10 feet of waterlines or the building.
6. HDPE storm sewer piping shall meet ASTM F2306 and fittings shall meet ASTM D3212 joint pressure test. Installation shall meet ASTM C2321.
7. All RCP pipe shown on the plans shall be MNDOT class 3.
8. Maintain a minimum of 8\"/>
- 9. Install water lines 12\"/>
- 10. All watermain piping shall be PVC, C900 installed with tracer wire.
- 11. See Project Specifications for bedding requirements.
- 12. Pressure test and disinfect all new watermains in accordance with state and local requirements.
- 13. Sanitary sewer piping shall be PVC, SDR-35, unless otherwise noted.
- 14. A structure adjustment shall include removing and salvaging the existing casting assembly, removing existing concrete rings to the precast section. Install new rings and salvaged casting to proposed grades, cleaning casting flange by mechanical means to insure a sound surface and install an external chimney seal from casting to precast section. Chimney seals shall be Inti-Shield Uni-Band or an approved equal.



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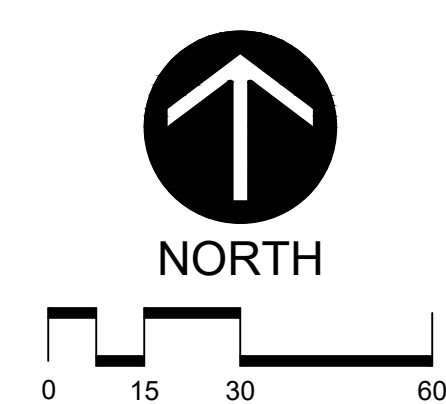


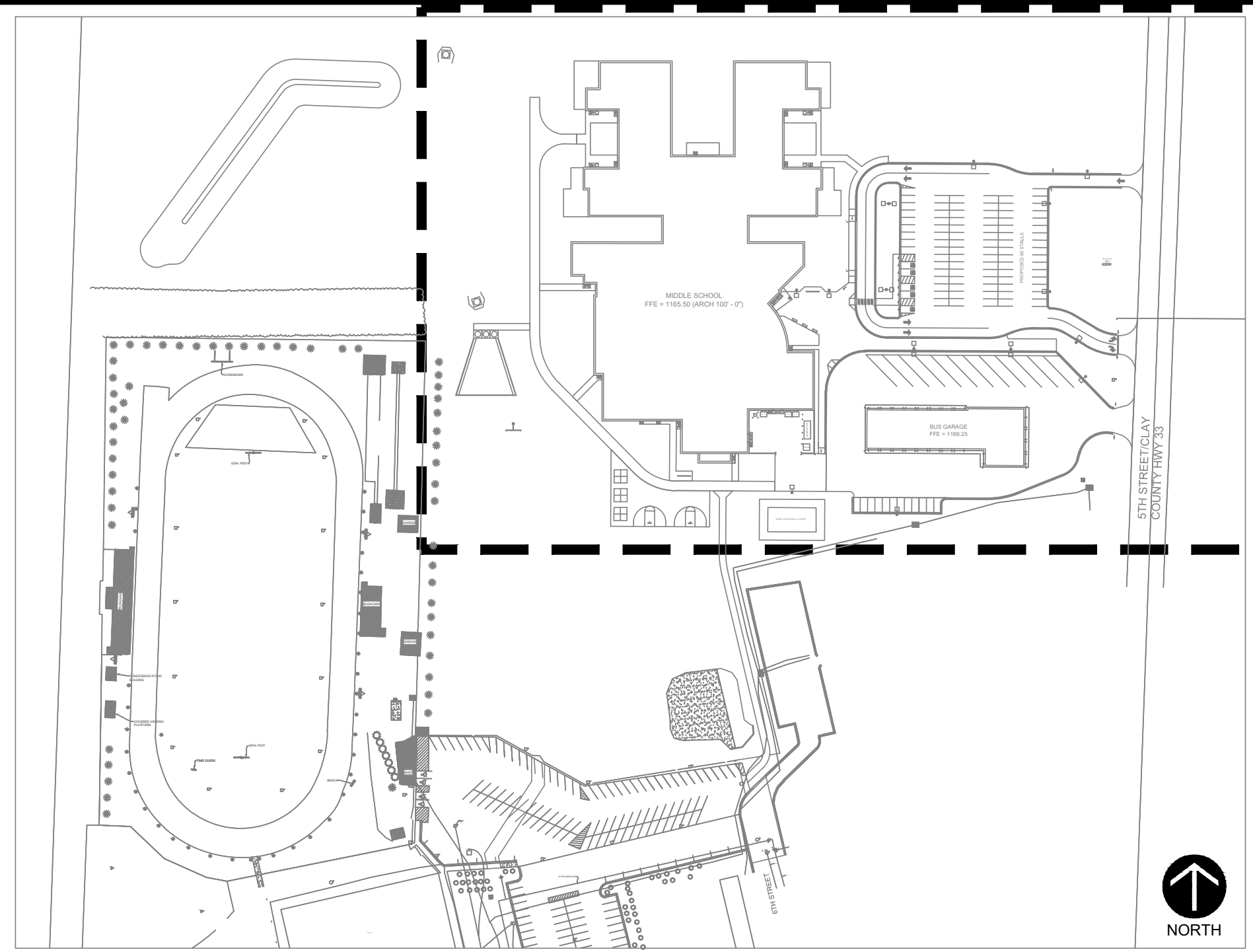
HAWLEY PUBLIC SCHOOLS MIDDLE SCHOOL

UTILITY PLAN

Project No.: 12224178
 Date: 02/01/2024

C400





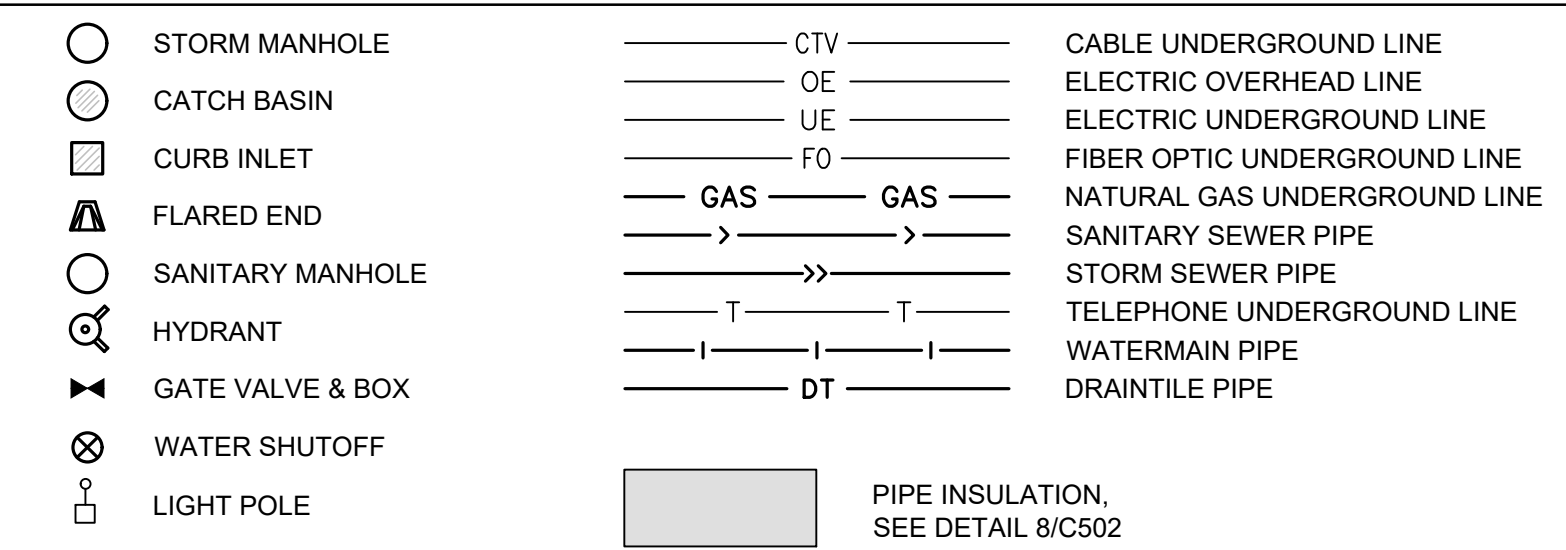
KEY PLAN

NOT TO SCALE

KEY NOTES

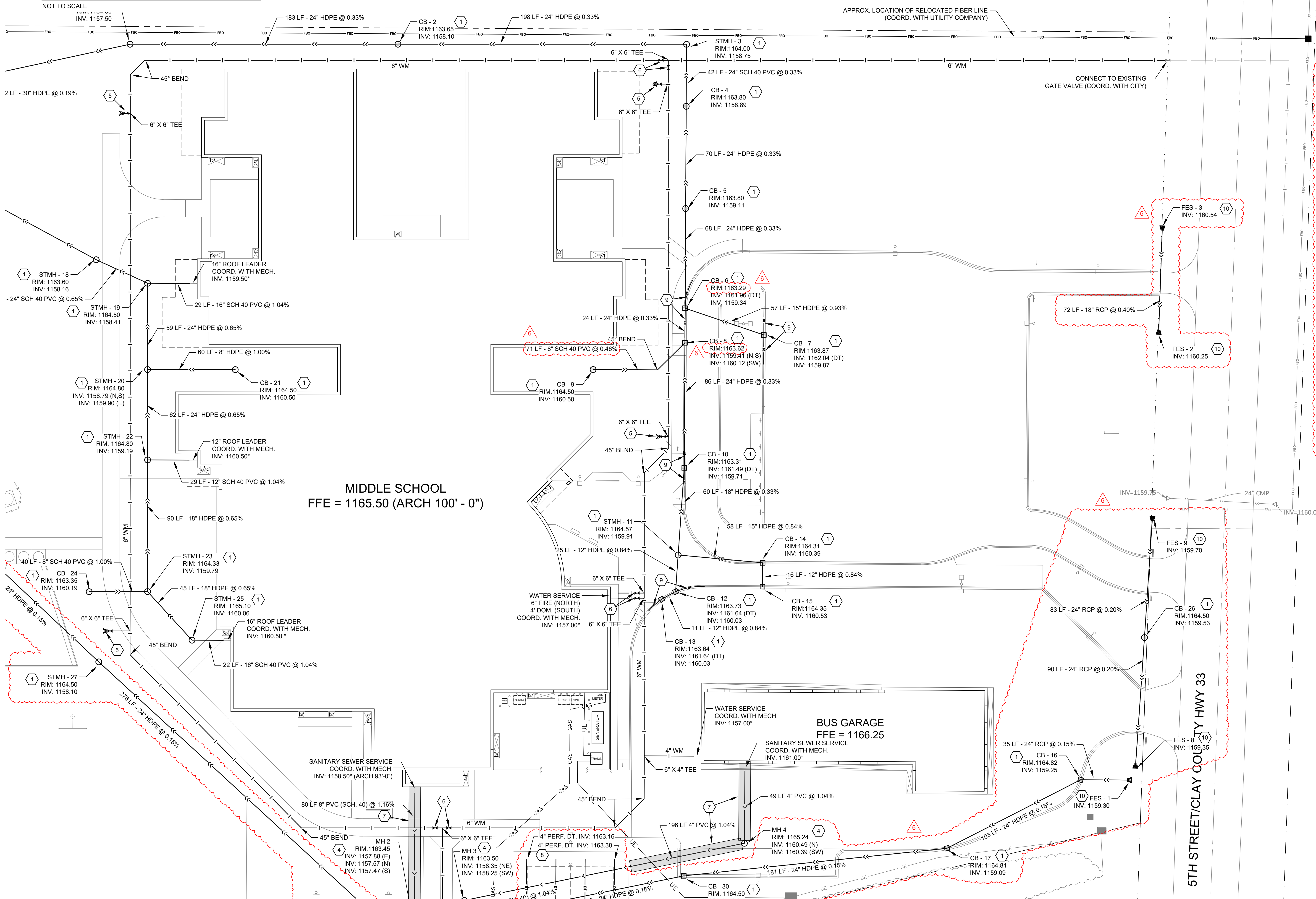
- 1 STORM SEWER MANHOLE, SEE DETAIL 2/C502
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- 3 POND SKIMMER STRUCTURE, SEE DETAIL 4/C502
- 4 SANITARY SEWER MANHOLE, SEE DETAIL 5/C502
- 5 HYDRANT & GATE VALVE INSTALLATION, SEE DETAIL 6/C502
- 6 GATE VALVE INSTALLATION, SEE DETAIL 7/C502
- 7 PIPE INSULATION, SEE DETAIL 8/C502
- 8 4" PERFORATED PE VOLLEYBALL COURT DRAIN TILE, SEE DETAIL 11/C502
- 9 4" PERFORATED PE CURB LINE DRAIN TILE, SEE DETAIL 4/C503 (TYP. OF 20 LF ON EITHER SIDE OF CATCH BASIN)
- 10 CONCRETE FLARED END SECTION, SEE DETAIL 1/C401

SYMBOL LEGEND



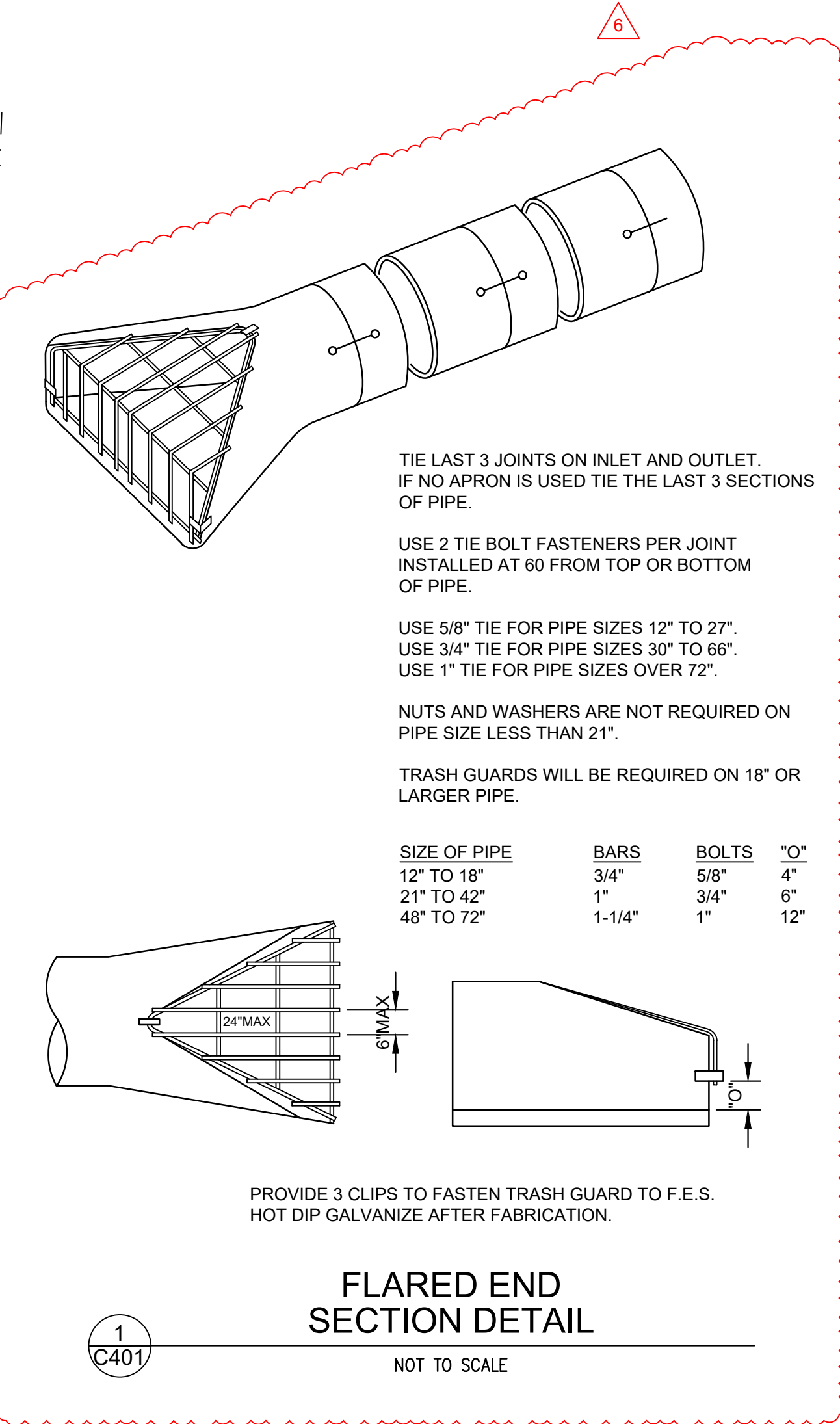
UTILITY NOTES

- 1. See Sheet C400 for Utility Notes.



MIDDLE SCHOOL
FFE = 1165.50 (ARCH 100' - 0")

BUS GARAGE
FFE = 1166.25



FLARED END SECTION DETAIL

NOT TO SCALE

Larson Engineering, Inc.
3524 Labore Road
White Bear Lake, MN 55110
651.481.9120 (f) 651.481.9201
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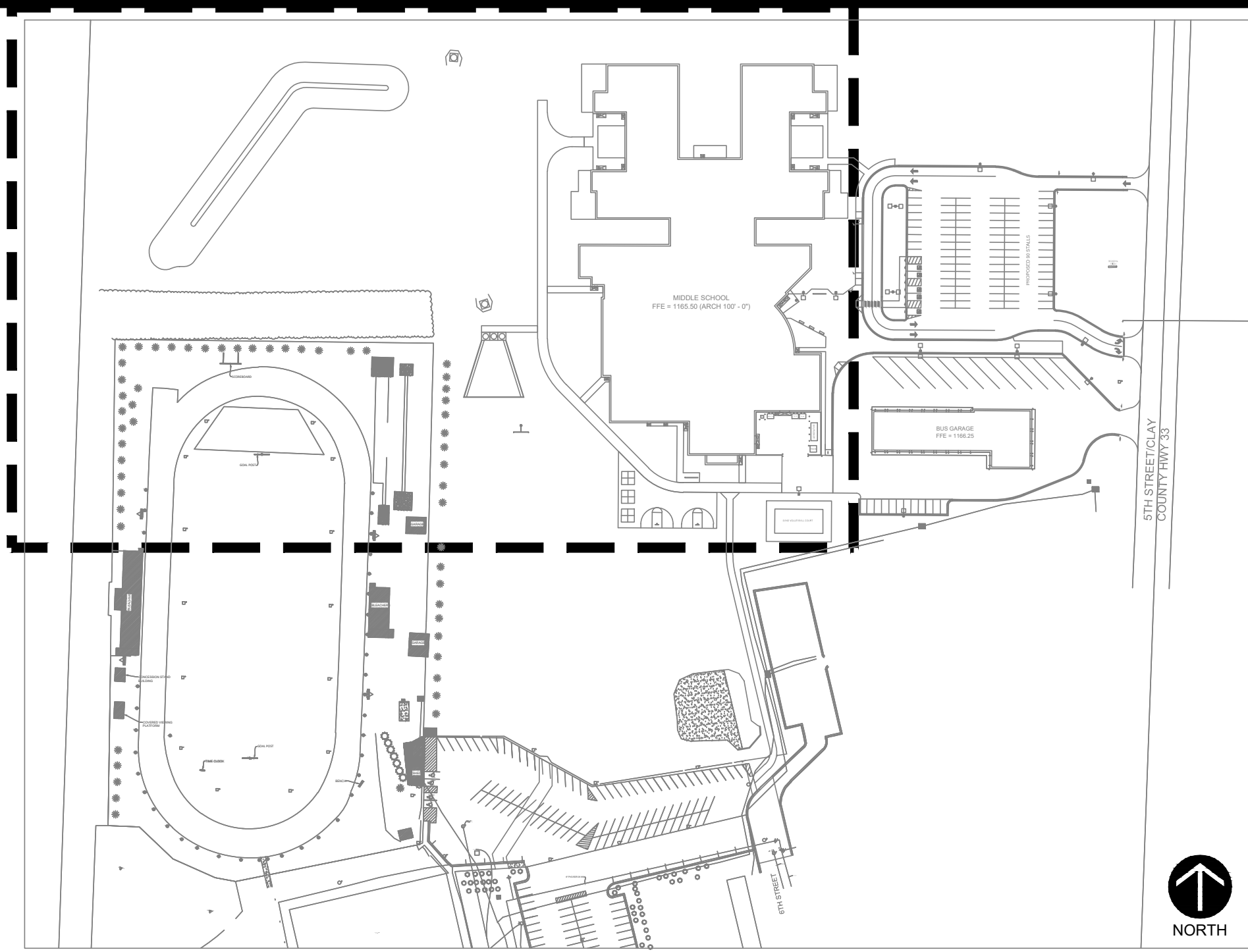


HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL

UTILITY PLAN

Project No.: 12224178
Date: 02/01/2024

C401



KEY PLAN
NOT TO SCALE

KEY NOTES

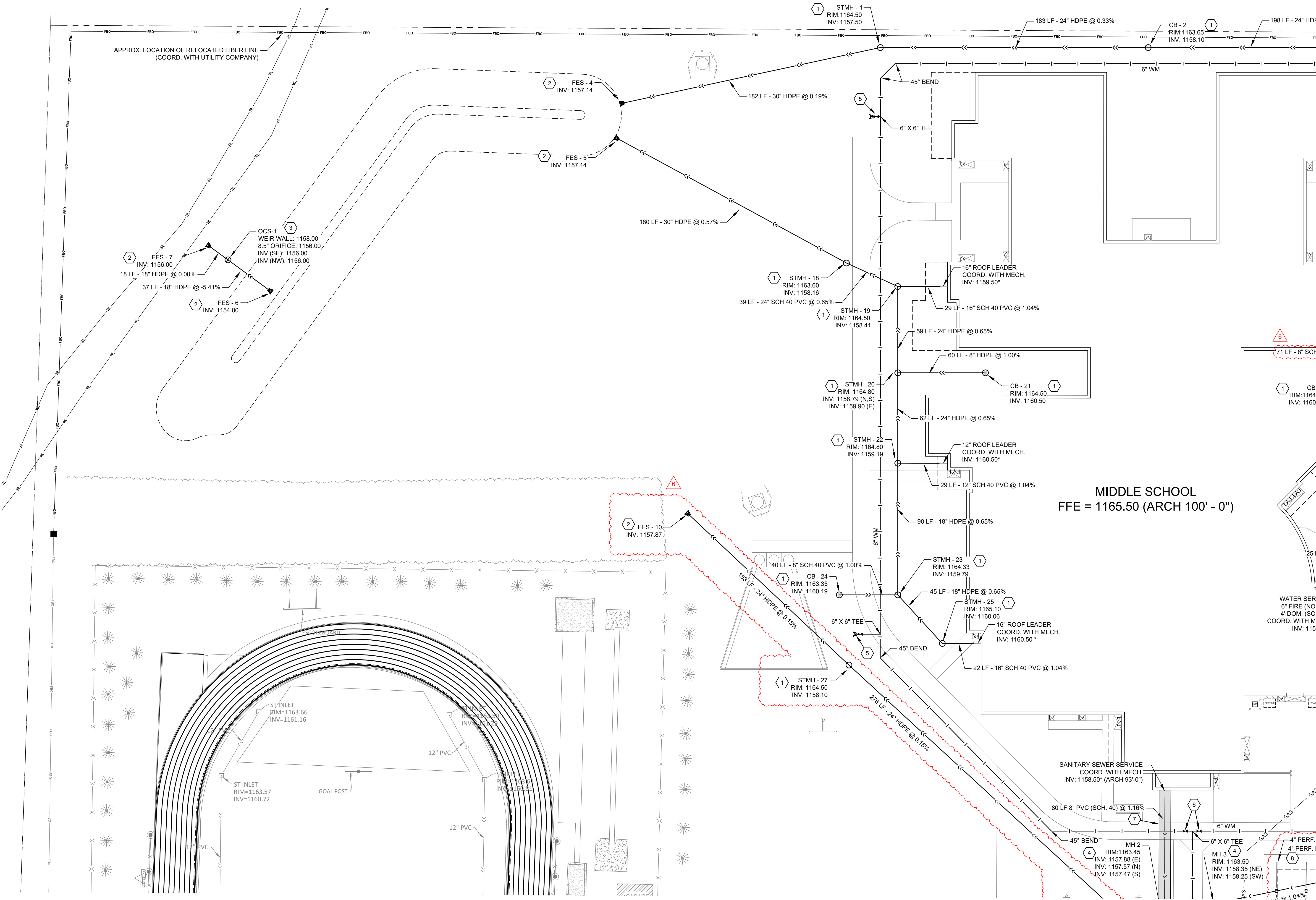
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- 4 SANITARY SEWER MANHOLE, SEE DETAIL 5/C502
- 5 HYDRANT & GATE VALVE INSTALLATION, SEE DETAIL 6/C502
- 6 GATE VALVE INSTALLATION, SEE DETAIL 7/C502
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- 10 CONCRETE FLARED END SECTION, SEE DETAIL 1/C401

SYMBOL LEGEND

- | | | | |
|---|------------------|-------|------------------------------------|
| ○ | STORM MANHOLE | — CTV | CABLE UNDERGROUND LINE |
| ○ | CATCH BASIN | — OE | ELECTRIC OVERHEAD LINE |
| □ | CURB INLET | — UE | ELECTRIC UNDERGROUND LINE |
| △ | FLARED END | — FO | FIBER OPTIC UNDERGROUND LINE |
| ○ | SANITARY MANHOLE | — GAS | NATURAL GAS UNDERGROUND LINE |
| ○ | HYDRANT | — | SANITARY SEWER PIPE |
| ⊕ | GATE VALVE & BOX | — | STORM SEWER PIPE |
| ⊕ | WATER SHUTOFF | — | TELEPHONE UNDERGROUND LINE |
| □ | LIGHT POLE | — | WATERMAIN PIPE |
| | | — DT | DRAIN TILE PIPE |
| | | ▨ | PIPE INSULATION, SEE DETAIL 8/C502 |

UTILITY NOTES

1. See Sheet C400 for Utility Notes.



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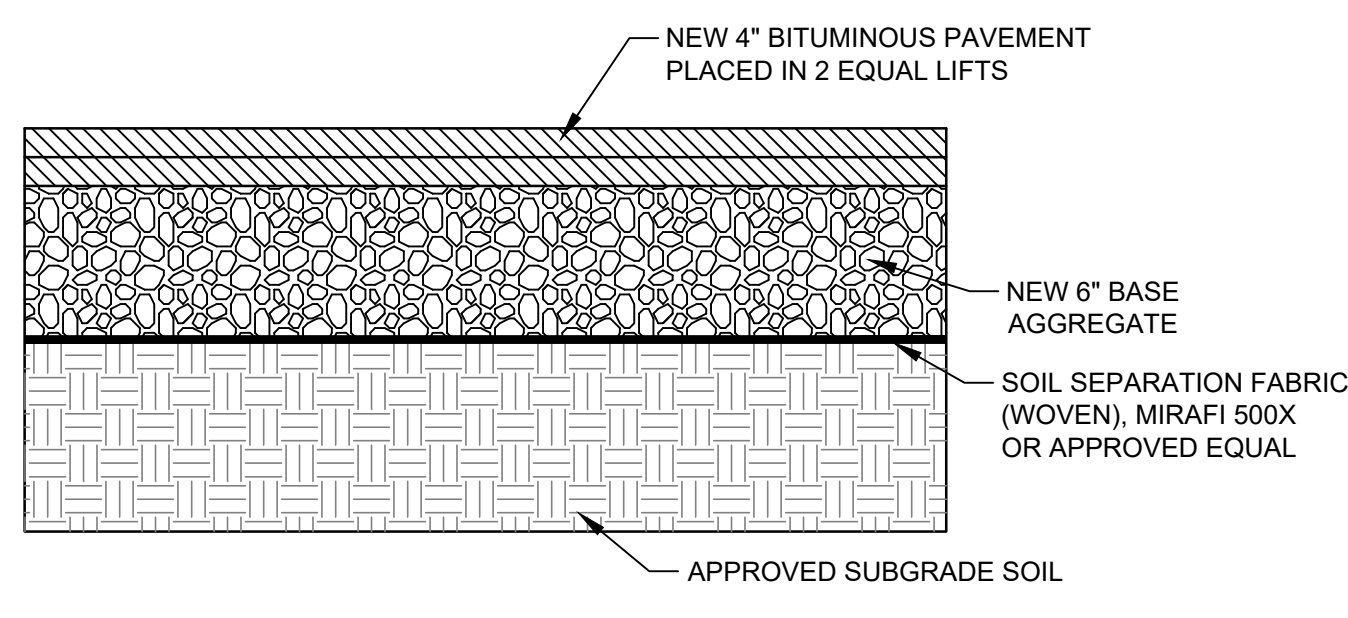


HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL

UTILITY PLAN

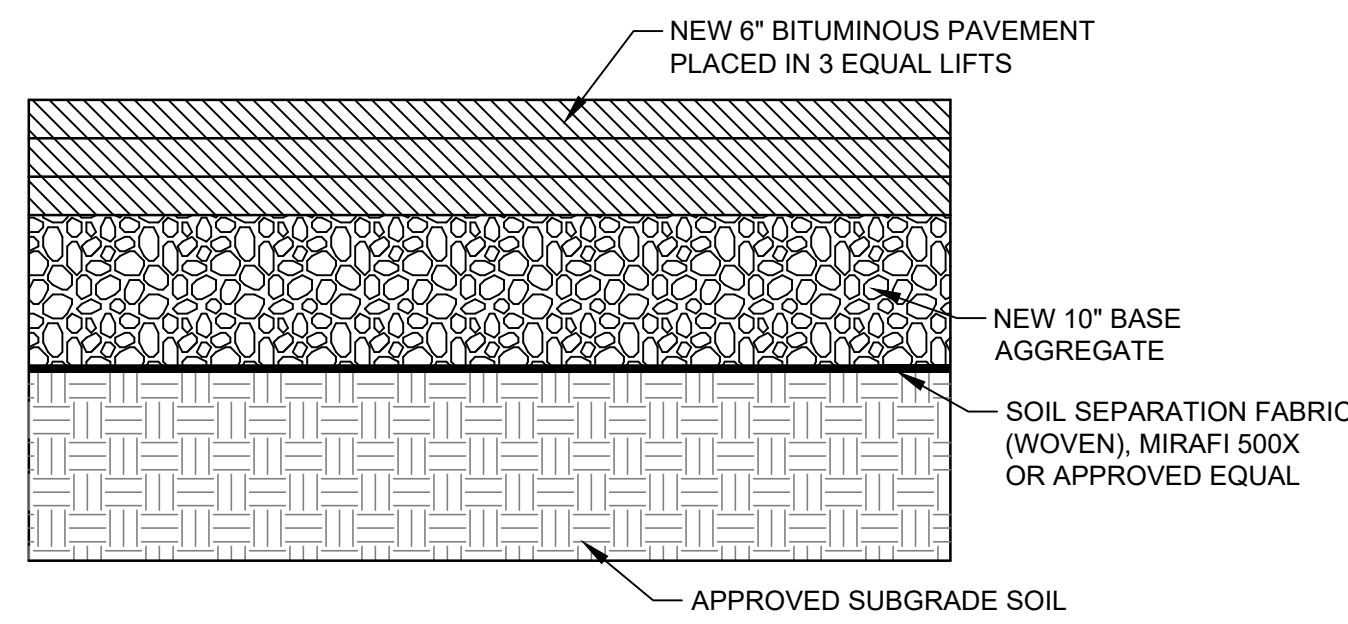
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 Date: 02/01/2024

C402



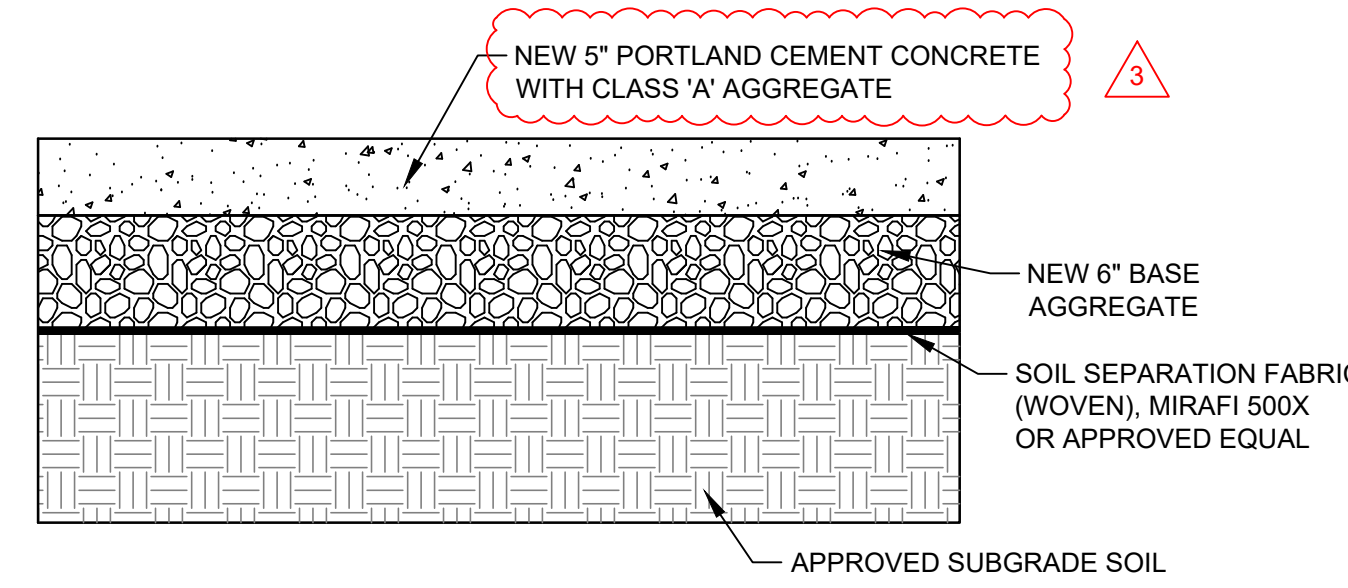
1 LIGHT-DUTY BITUMINOUS PAVEMENT SECTION
NOT TO SCALE

1
C500



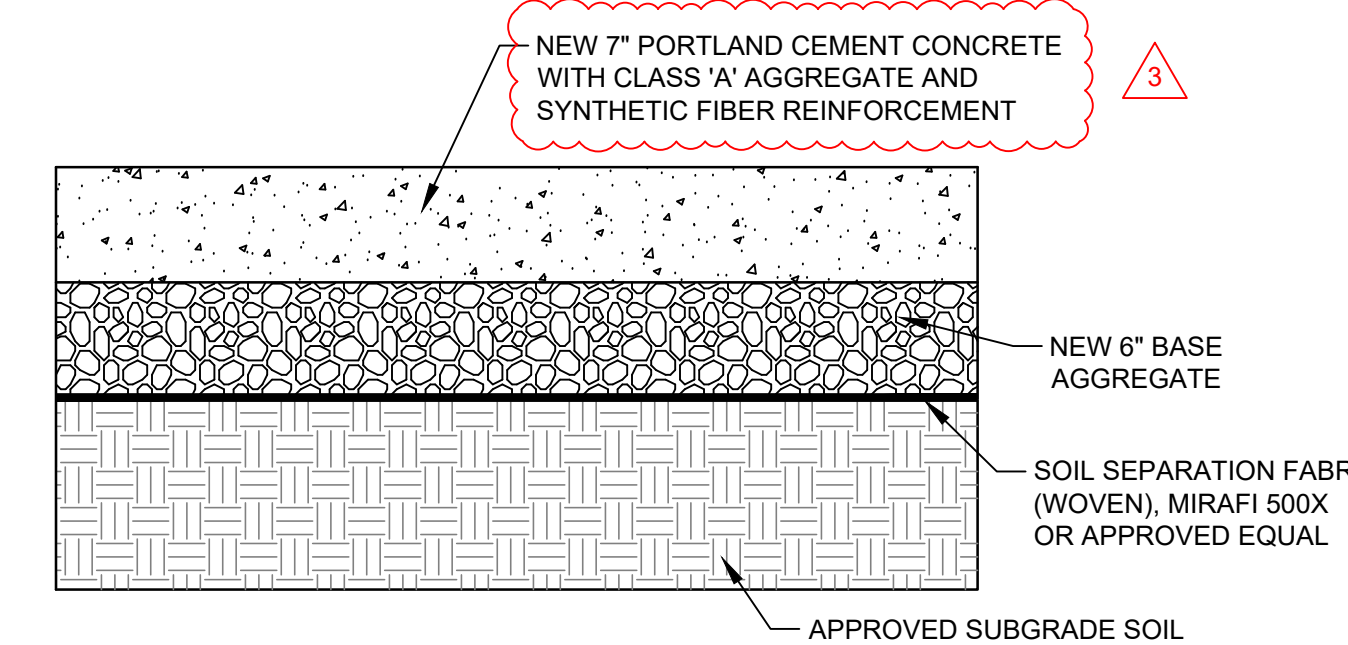
2 HEAVY-DUTY BITUMINOUS PAVEMENT SECTION
NOT TO SCALE

2
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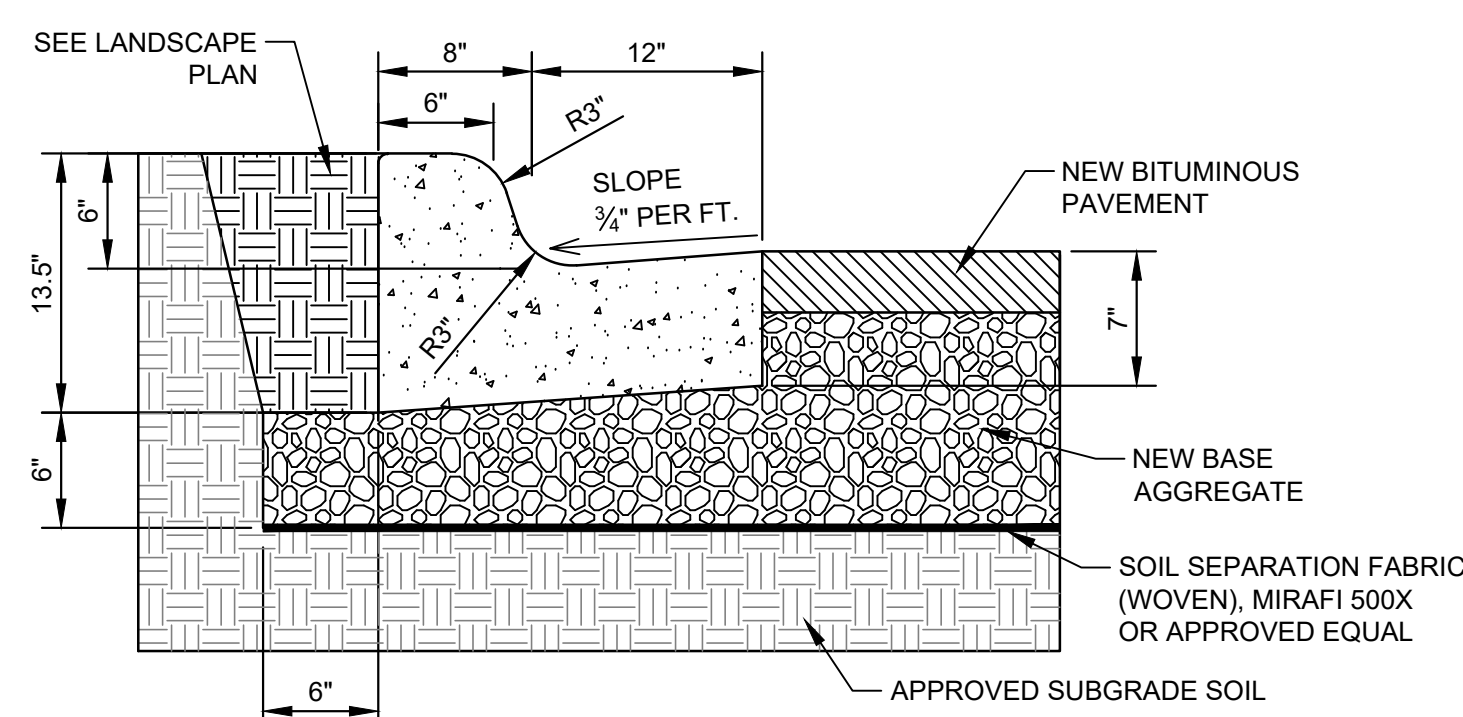
3 LIGHT-DUTY CONCRETE CONSTRUCTION DETAIL
NOT TO SCALE

3
C500



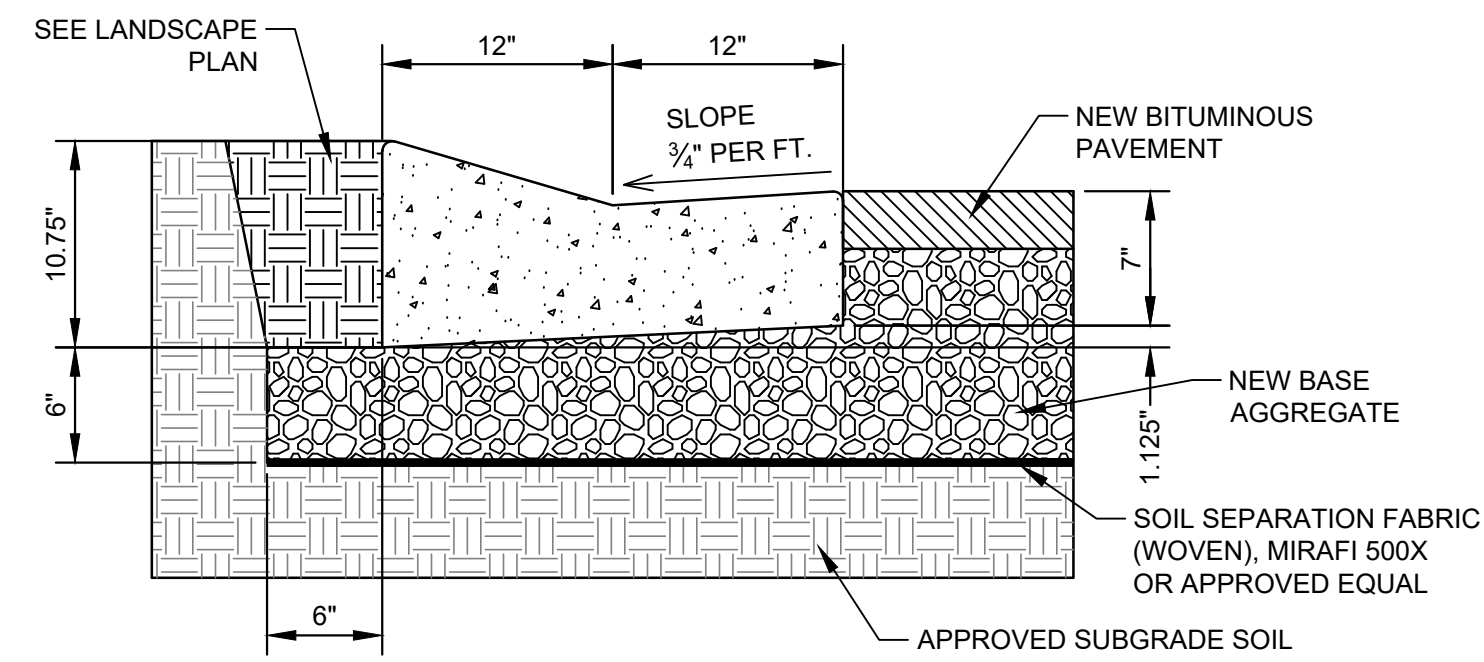
4 HEAVY-DUTY CONCRETE CONSTRUCTION DETAIL
NOT TO SCALE

4
C500



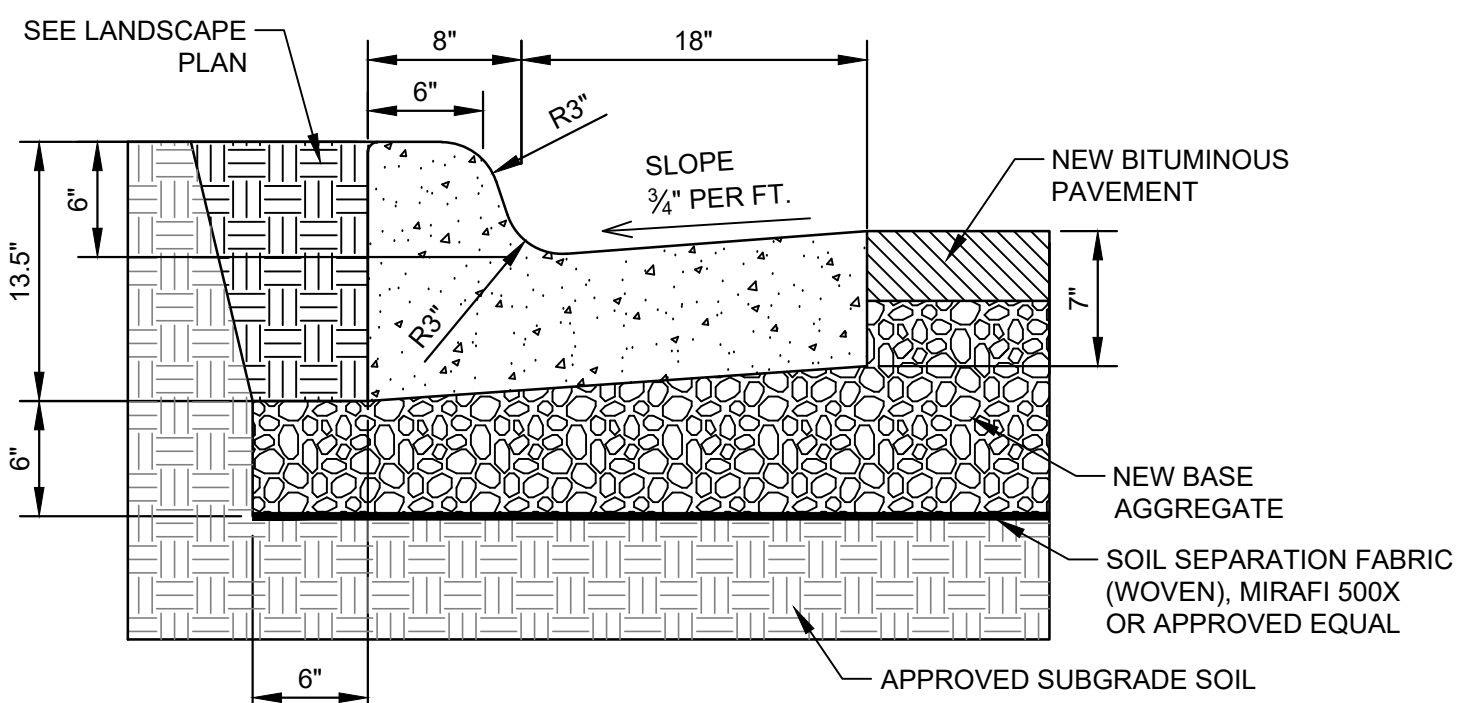
5 B612 CONCRETE CURB & GUTTER DETAIL
NOT TO SCALE

5
C500



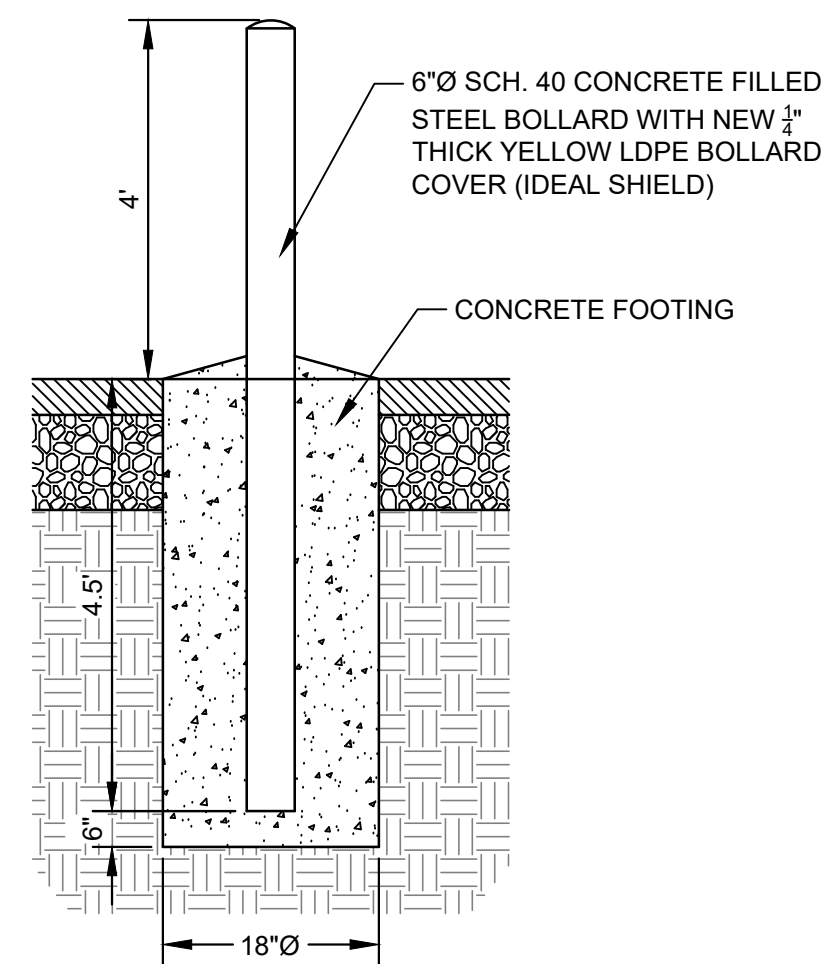
6 SURMOUNTABLE CURB & GUTTER DETAIL
NOT TO SCALE

6
C500



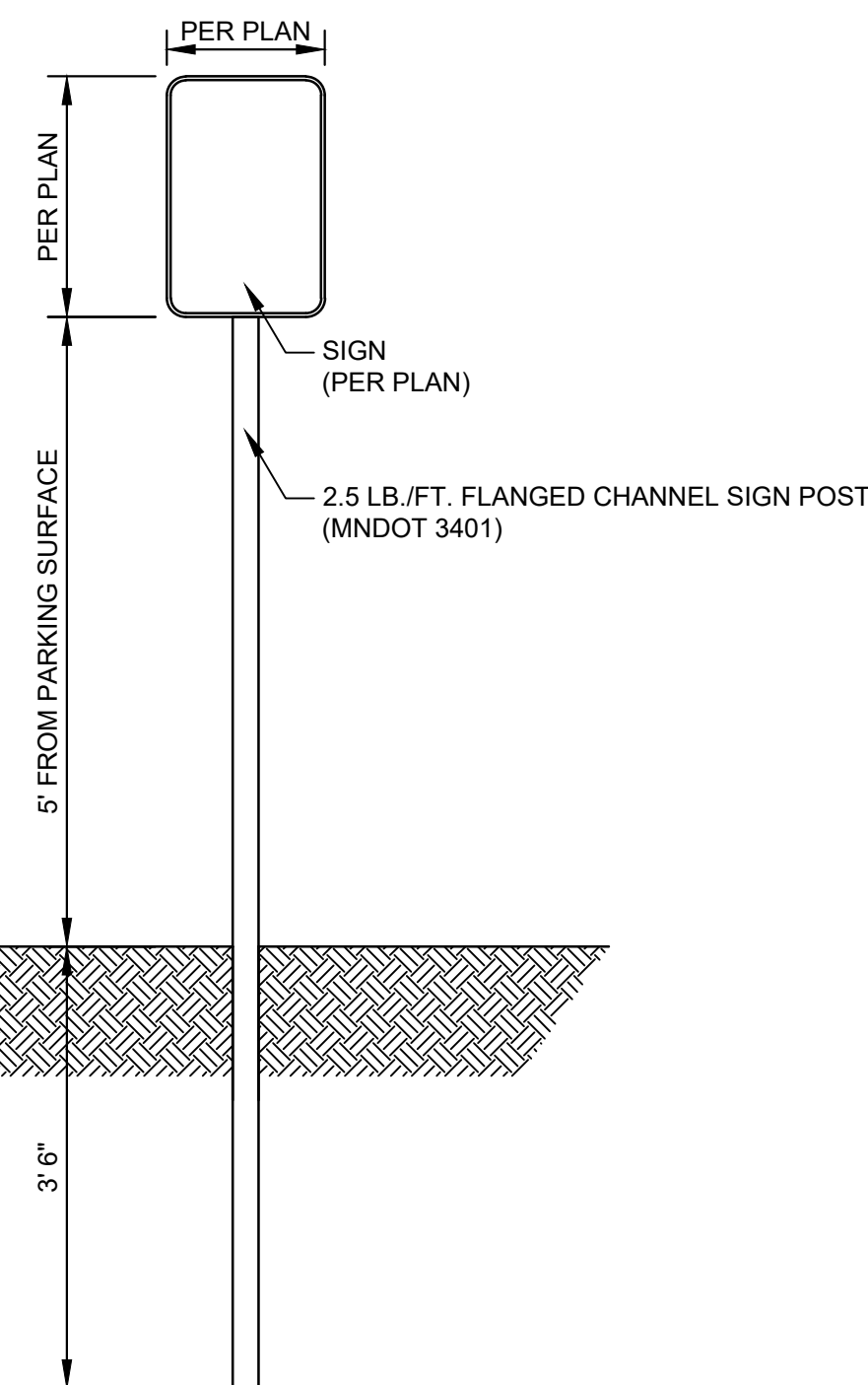
7 B618 CONCRETE CURB & GUTTER DETAIL
NOT TO SCALE

7
C500



8 BOLLARD DETAIL
NOT TO SCALE

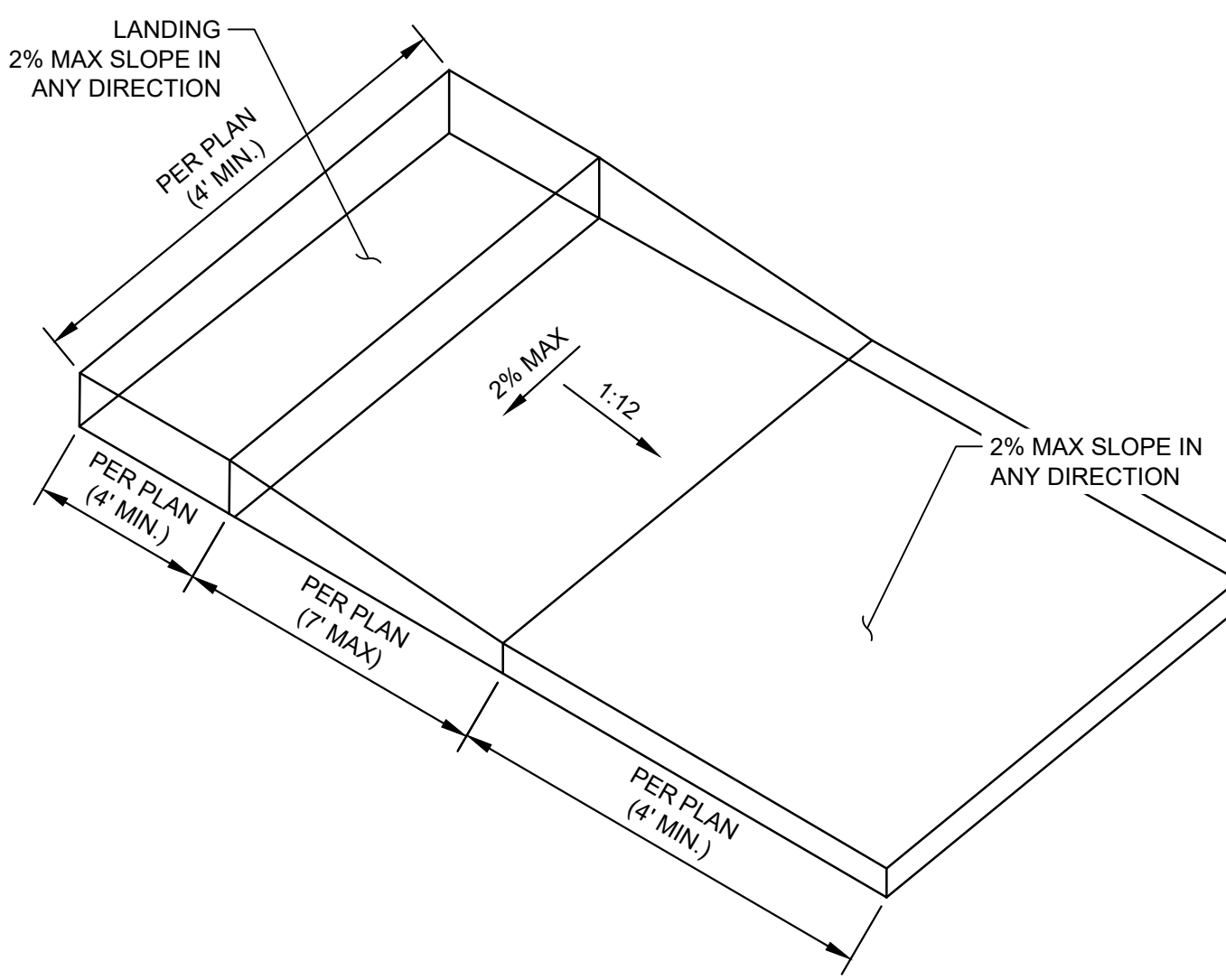
8
C500



9 PARKING SIGN AND POST DETAIL
NOT TO SCALE

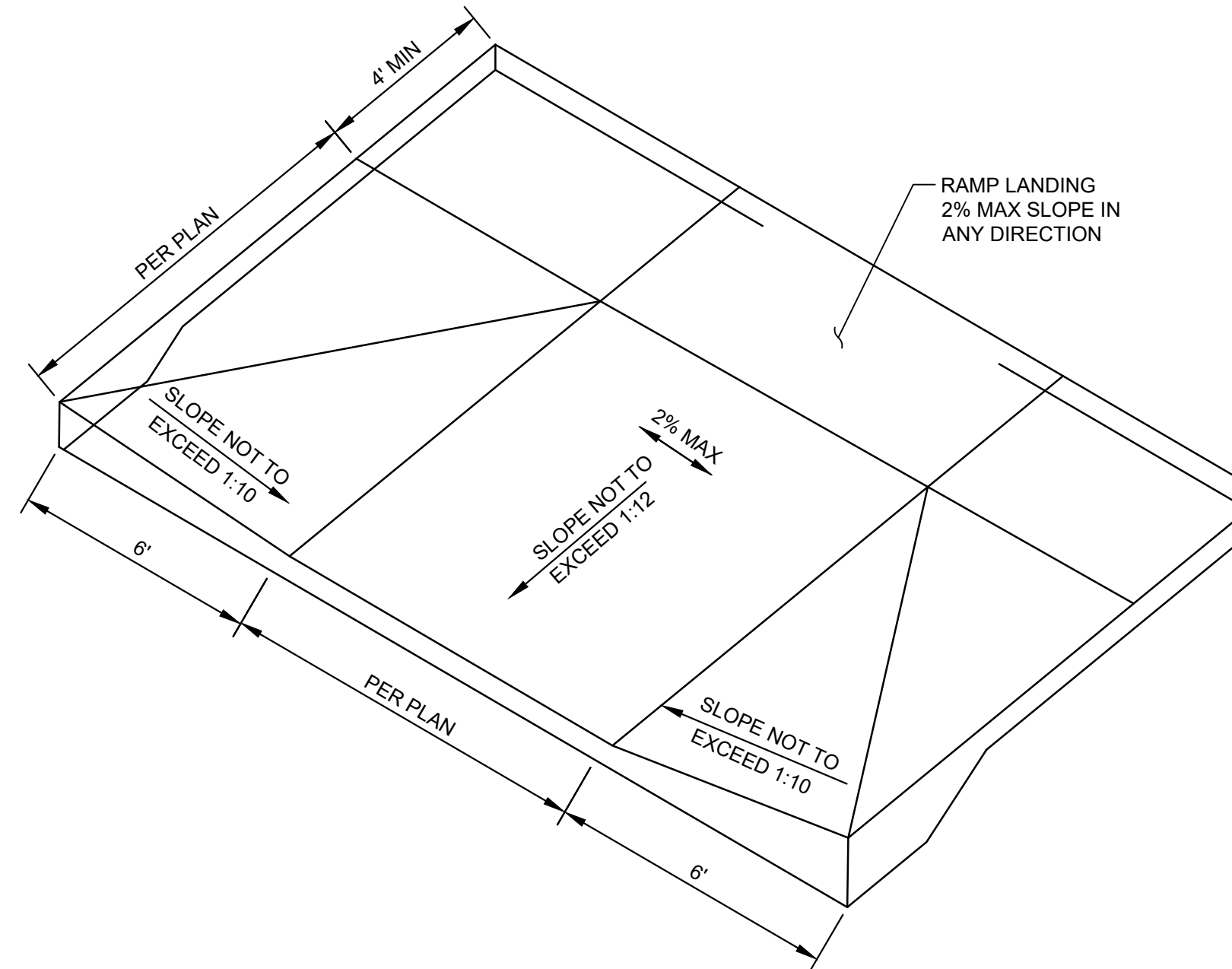
9
C500

NOTES:
1. ALL SIGNS TO BE INSTALLED IN ACCORDANCE WITH MUTCD AND MNDOT CURRENT STANDARD SIGNS MANUAL.
2. SEE PROJECT MANUAL FOR SIGN TYPES AND SPECIFICATION.
3. ALL SIGNS SHALL BE REVIEWED AND APPROVED BY OWNER/ENGINEER PRIOR TO CONSTRUCTION.
4. SIGN POSTS TO BE 6\"/>



10A TYPE 1 ACCESSIBLE CURB RAMP DETAIL
NOT TO SCALE

10A
C500

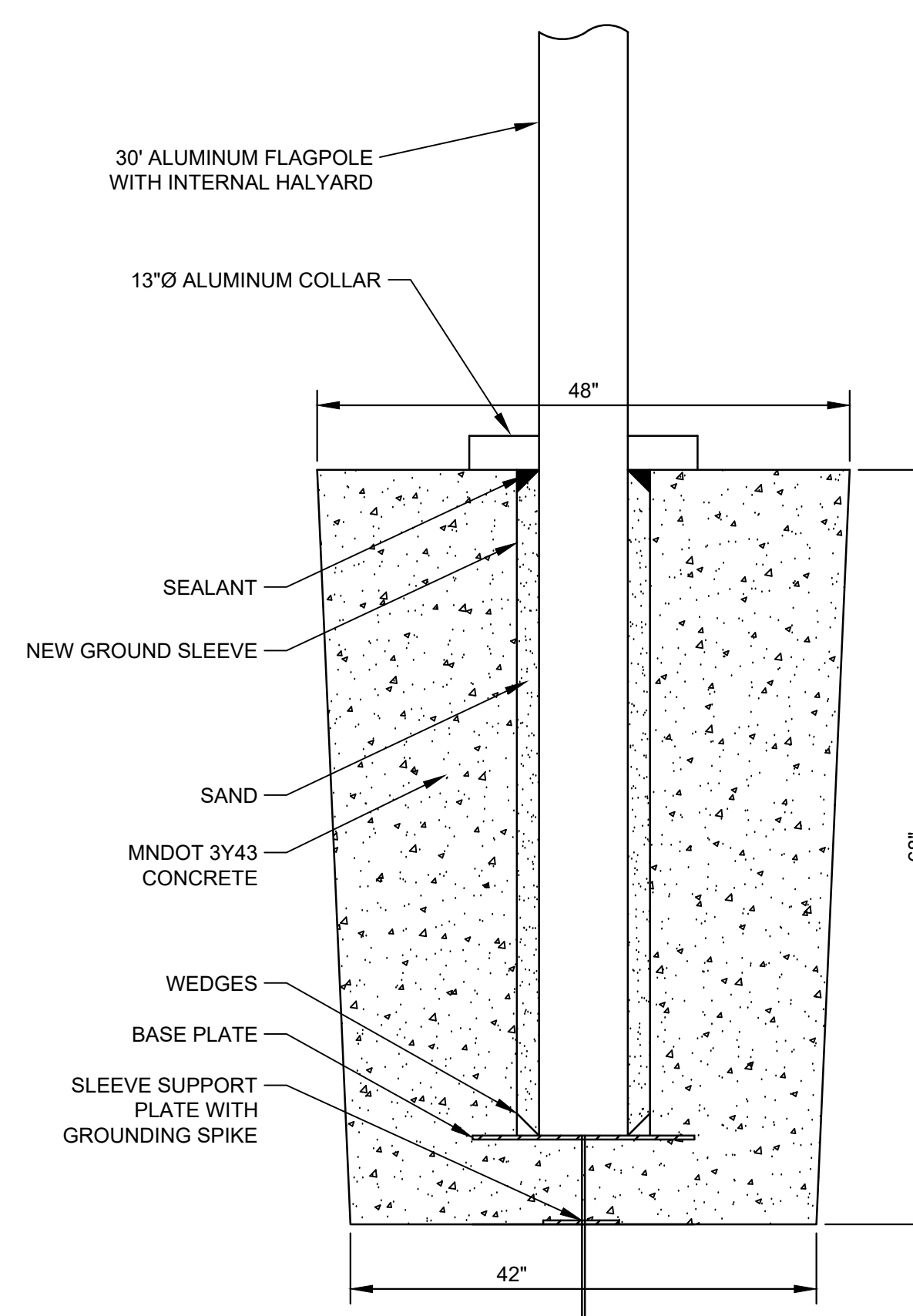


10B TYPE 1 ACCESSIBLE CURB RAMP DETAIL
NOT TO SCALE

10B
C500

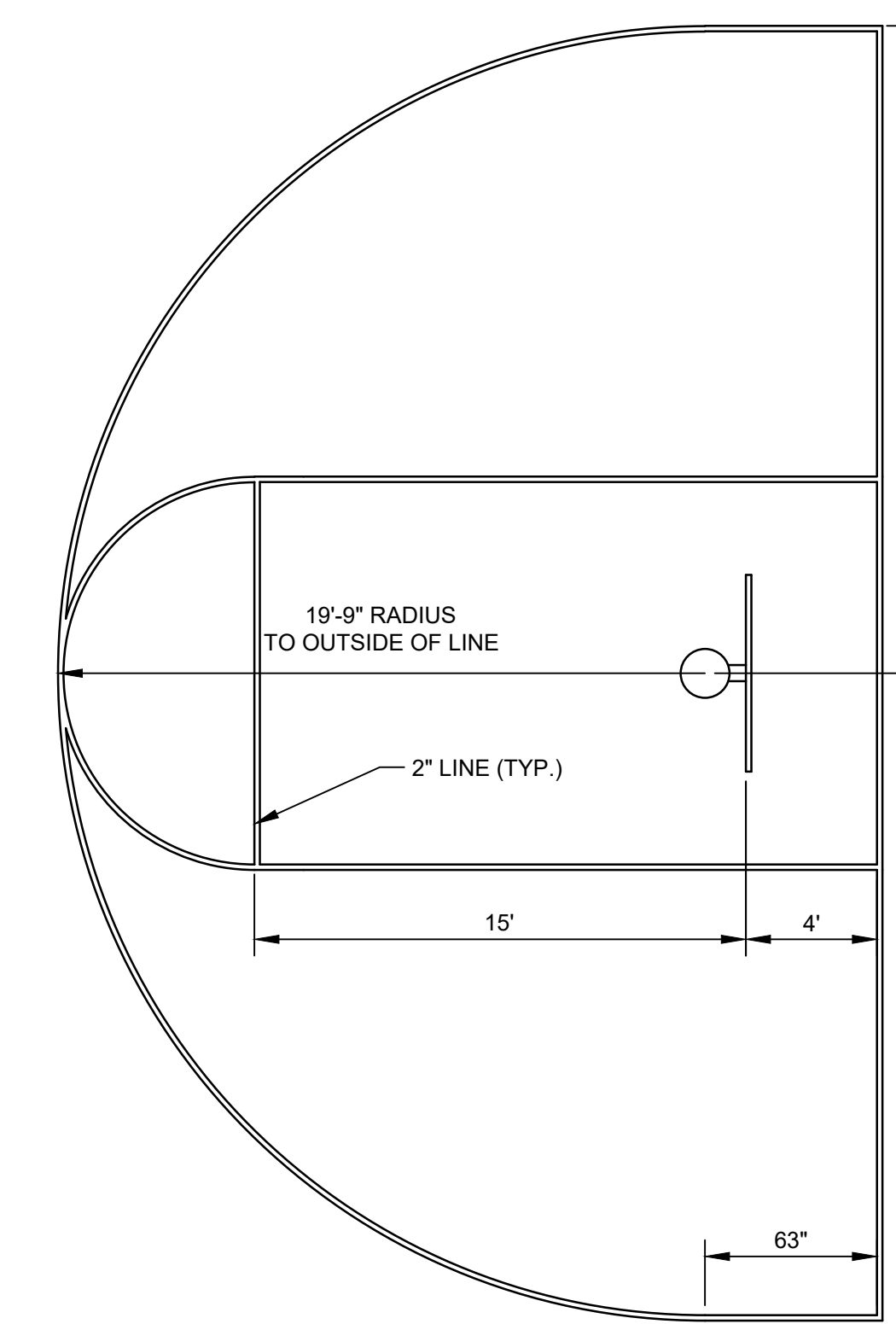
10 ACCESSIBLE RAMP DETAIL
NOT TO SCALE

10
C500



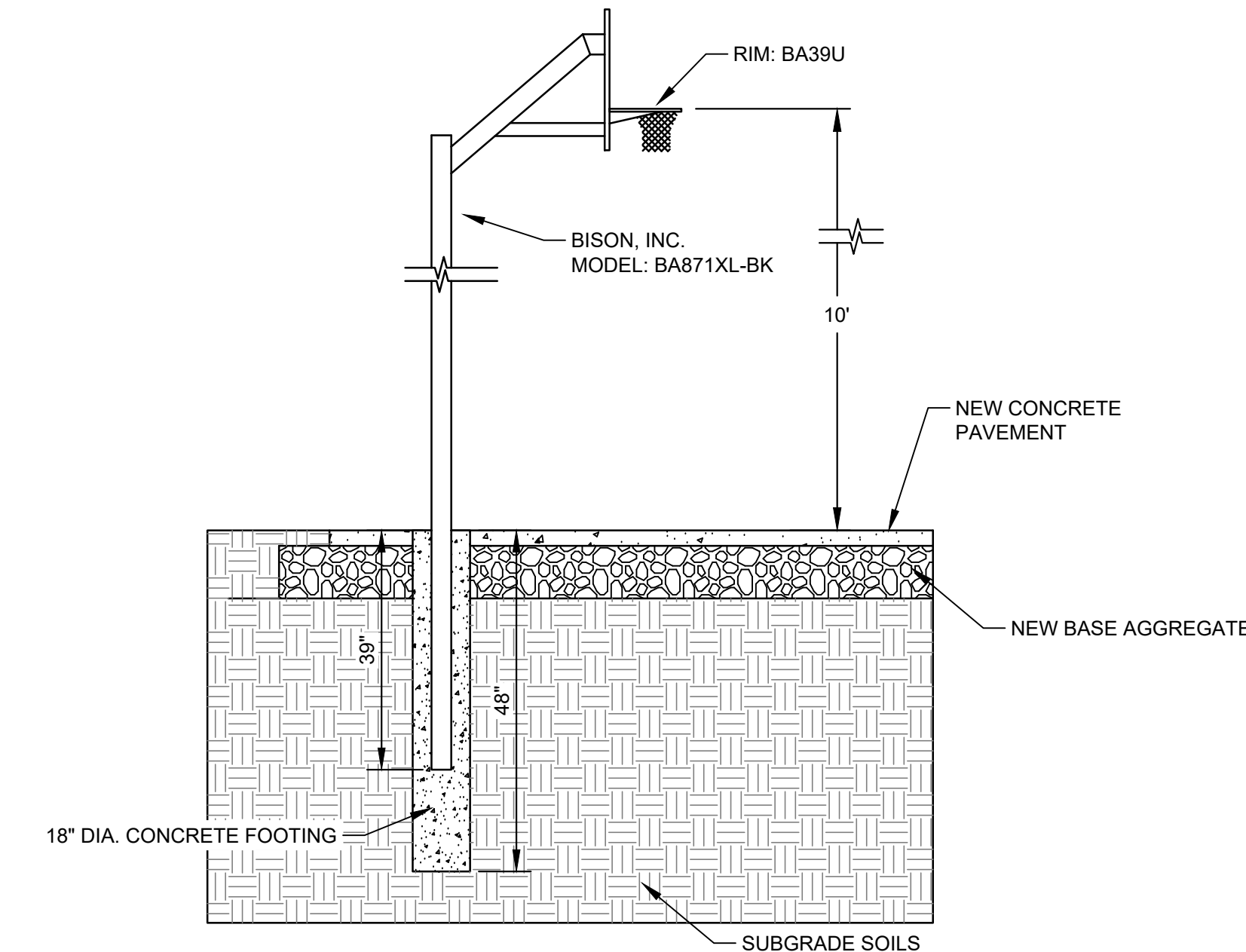
11 FLAG POLE FOUNDATION DETAIL
NOT TO SCALE

11
C500



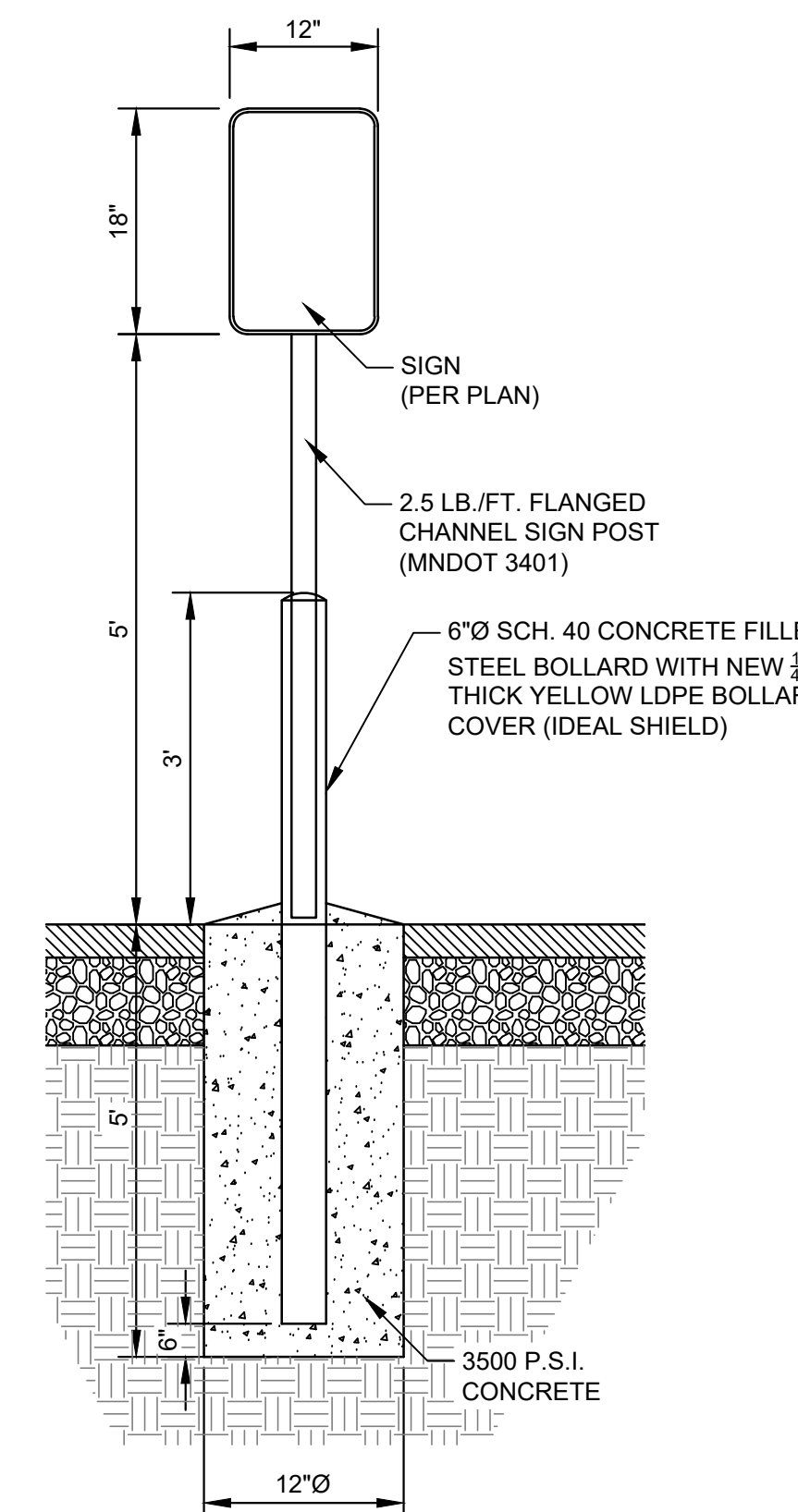
12 BASKETBALL COURT STRIPING DETAIL
NOT TO SCALE

12
C500



13 BASKETBALL NET POST INSTALLATION DETAIL
NOT TO SCALE

13
C500



14 ACCESSIBLE PARKING SIGN AND POST DETAIL
NOT TO SCALE

14
C500

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5	PR 03	08/01/24
6	PR 04	08/16/24

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Print Name: Justin Nielsen, P.E.
Signature: *Justin Nielsen*
Date: 02/01/2024 Registration No. 52487

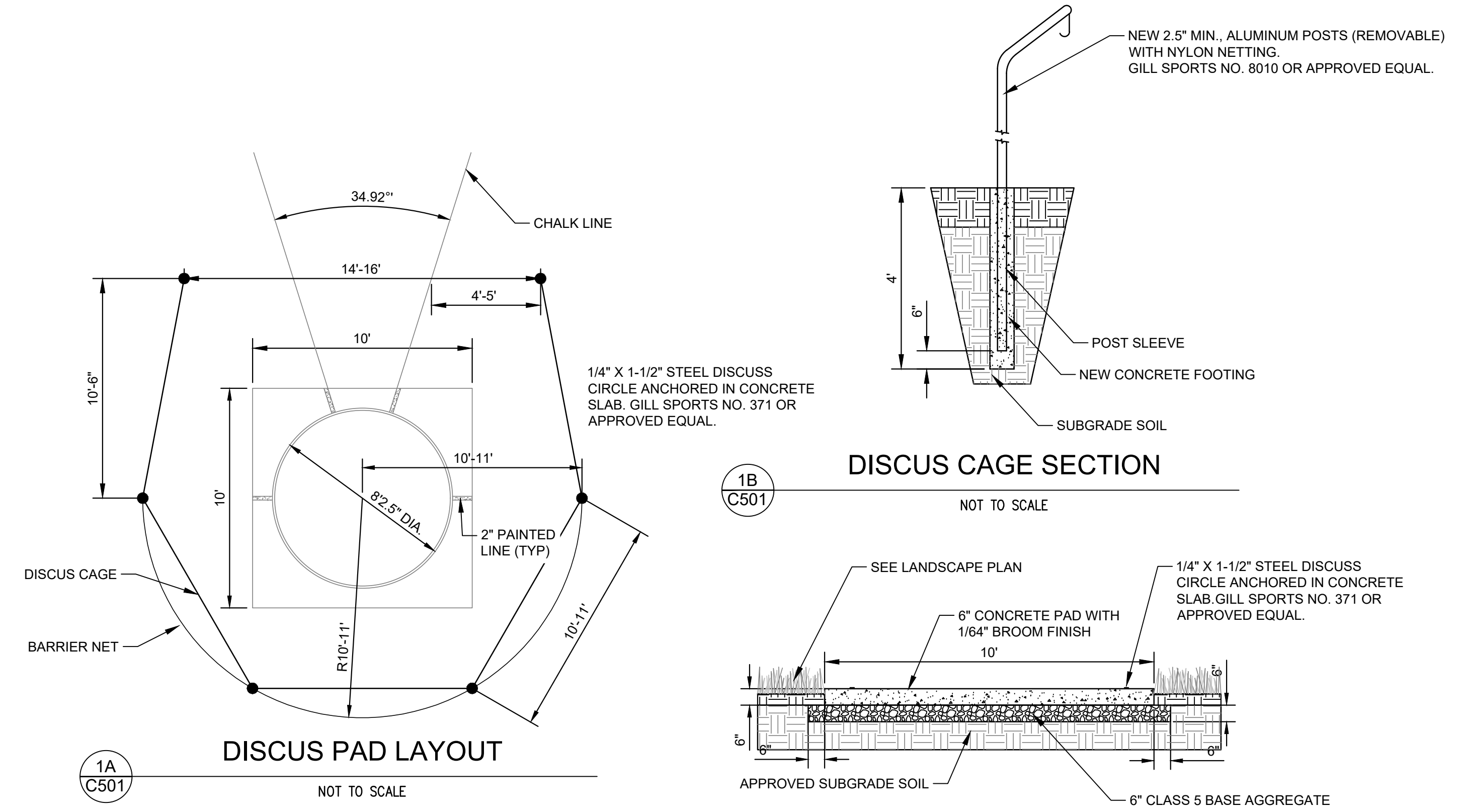


HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL

DETAILS

Project No.: 12224178
Date: 02/01/2024

C500

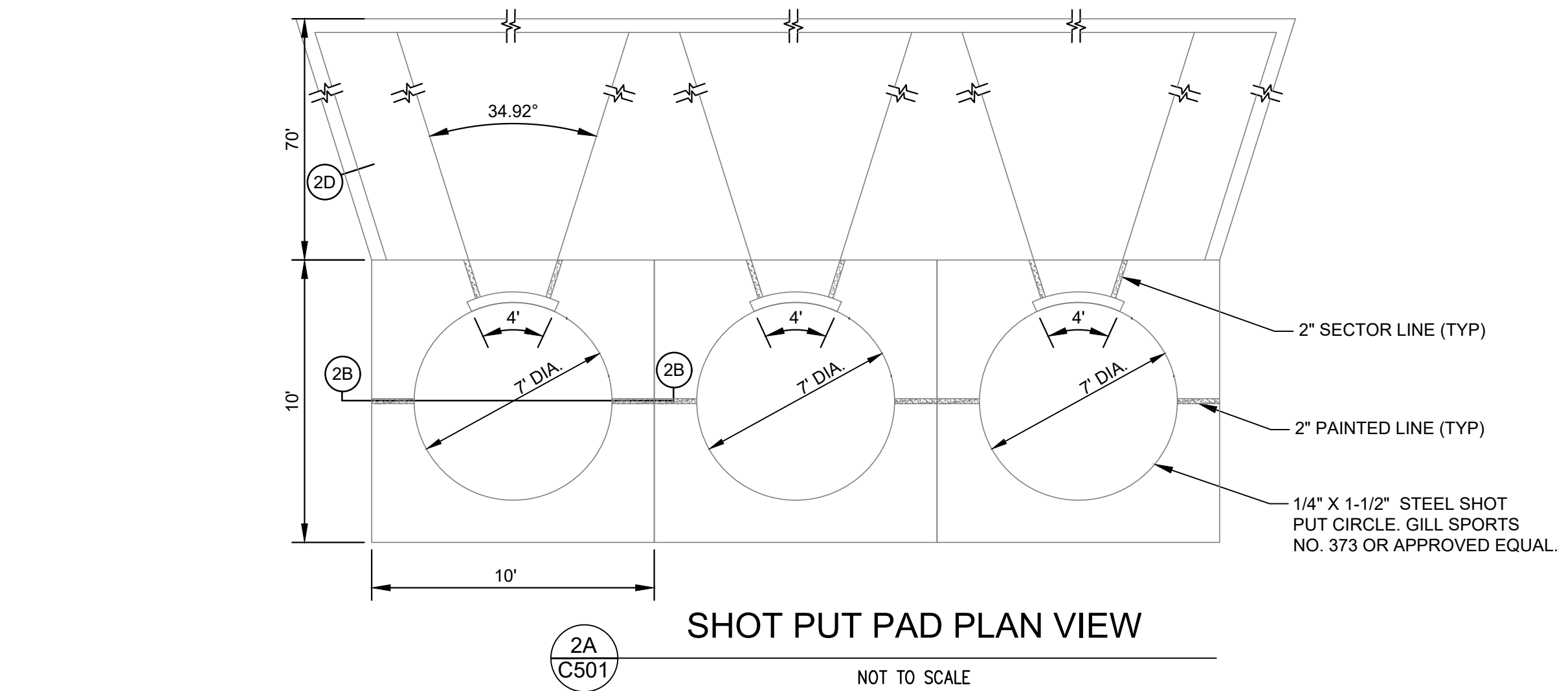


1B C501 DISCUS CAGE SECTION NOT TO SCALE

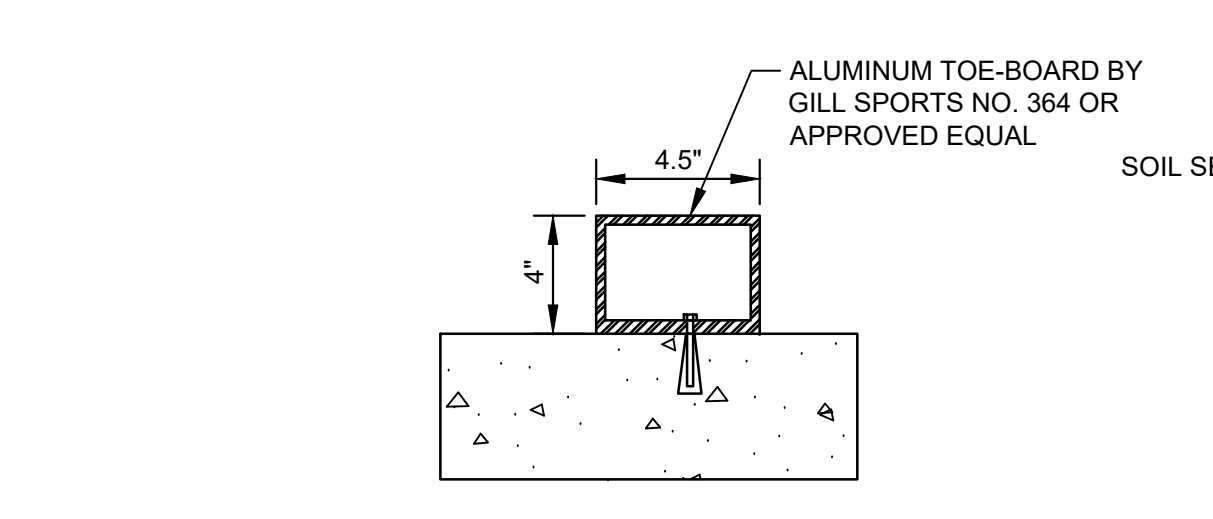
1A C501 DISCUS PAD LAYOUT NOT TO SCALE

1C C501 DISCUS PAD SECTION NOT TO SCALE

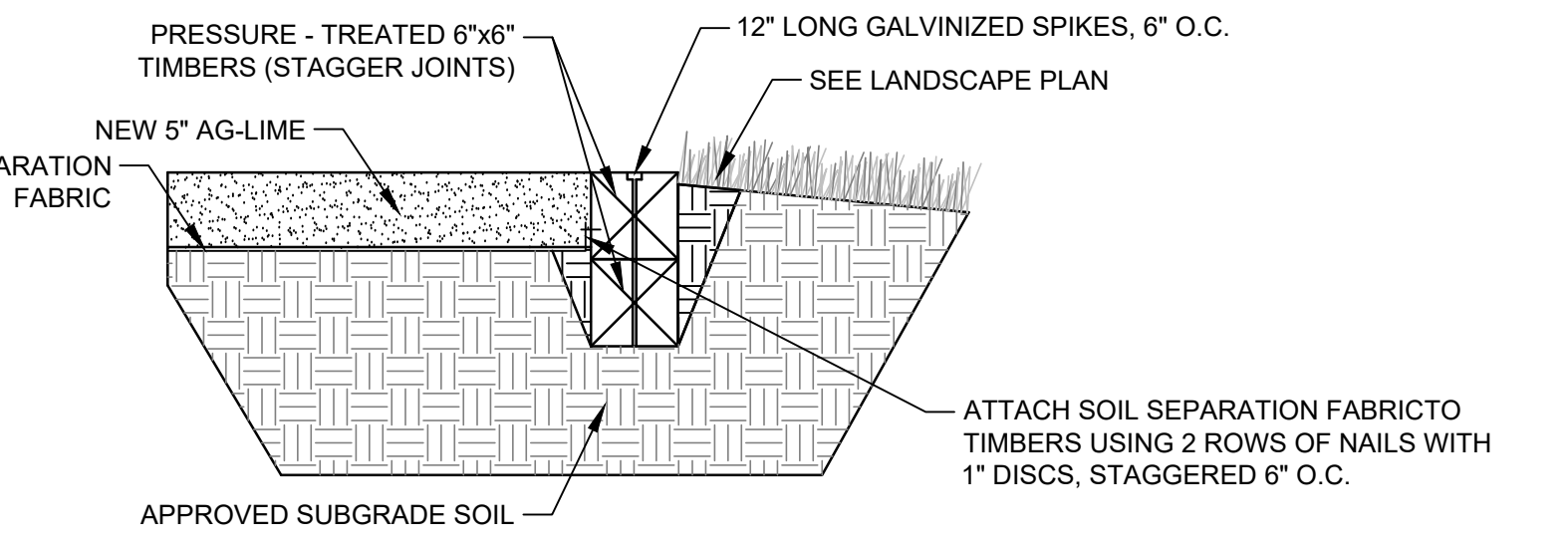
1 C501 DISCUS EVENT DETAIL NOT TO SCALE



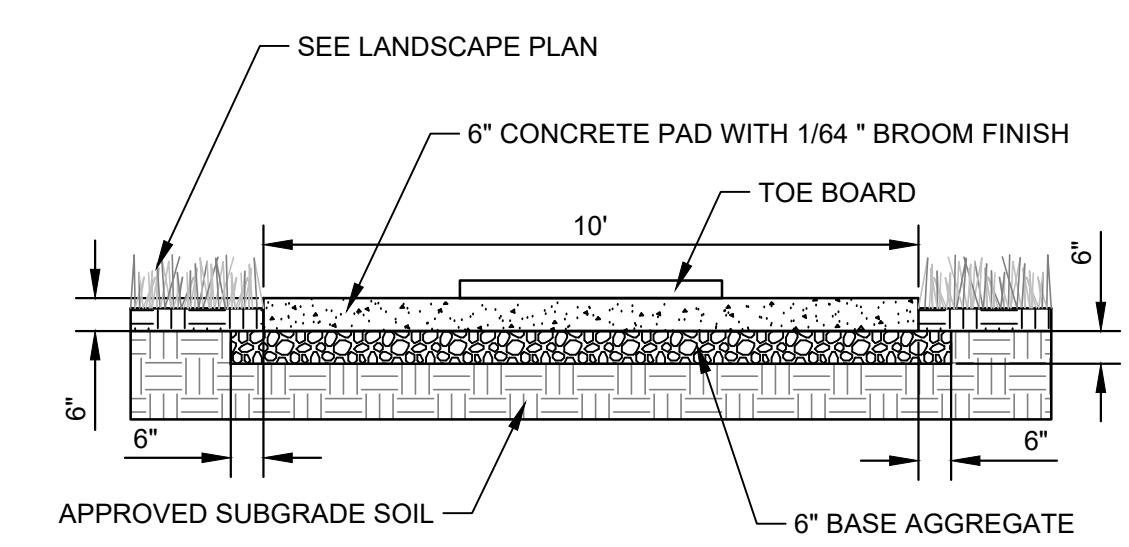
2A C501 SHOT PUT PAD PLAN VIEW NOT TO SCALE



2C C501 TOE BOARD SECTION NOT TO SCALE

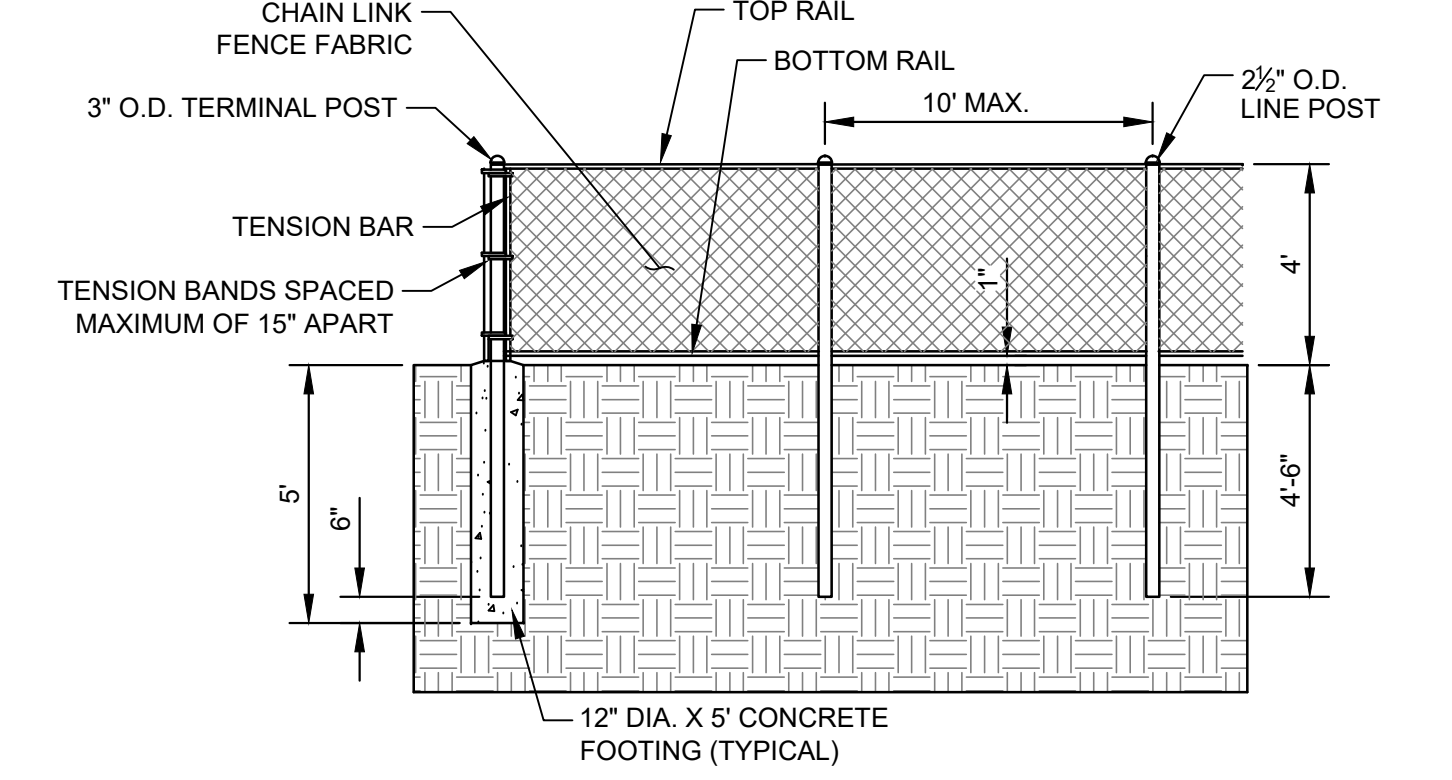


2D C501 THROWING SECTOR SECTION NOT TO SCALE

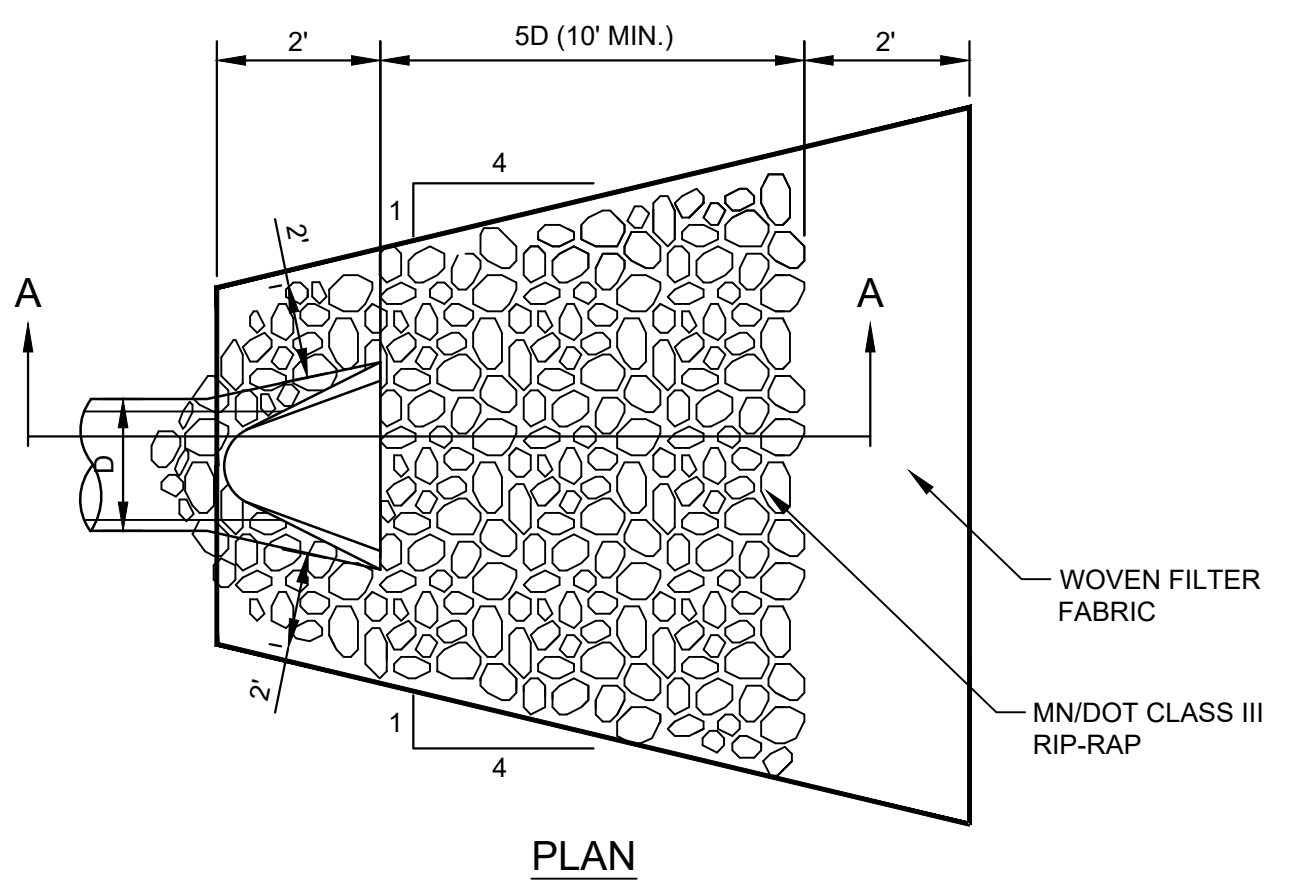


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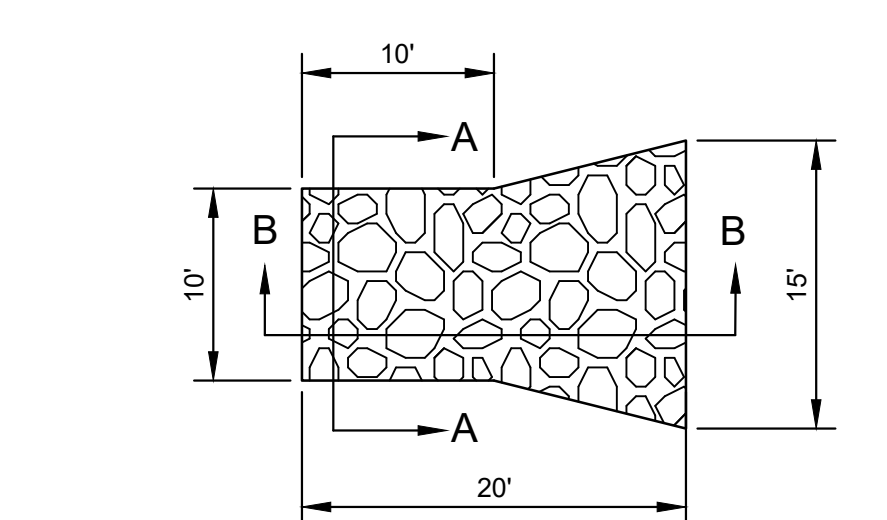
2 C501 SHOT PUT EVENT DETAIL NOT TO SCALE



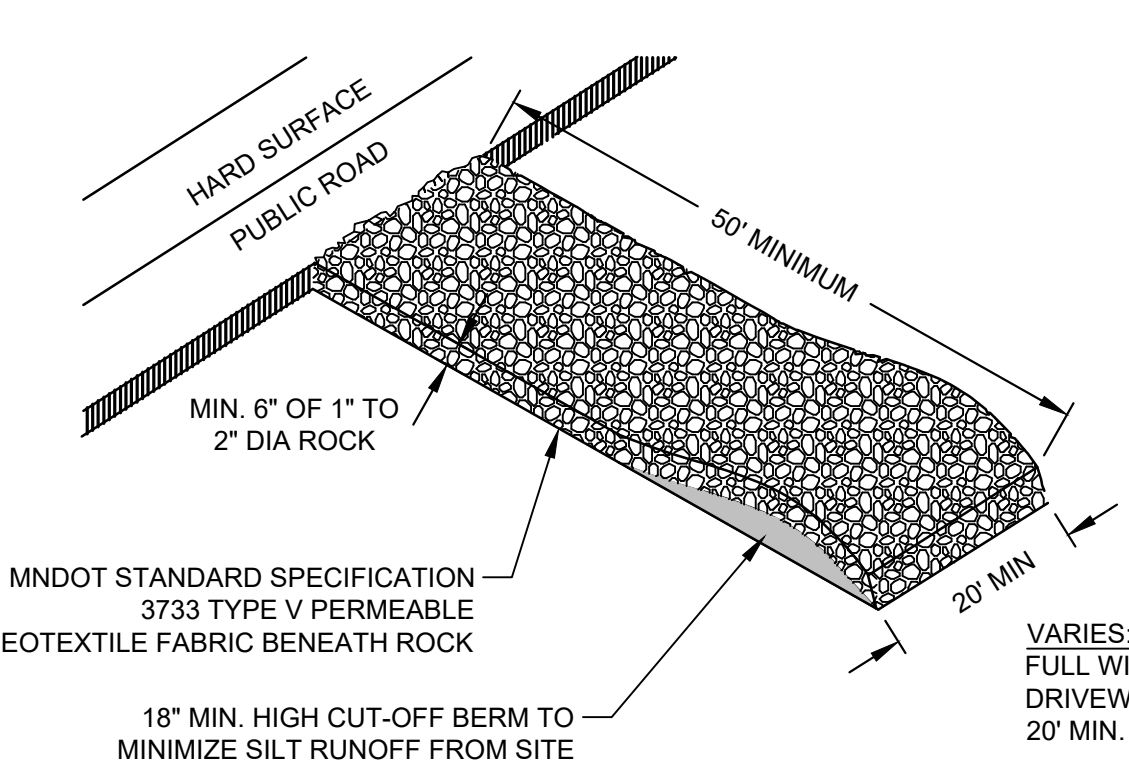
3 C501 4' FENCE DETAIL NOT TO SCALE



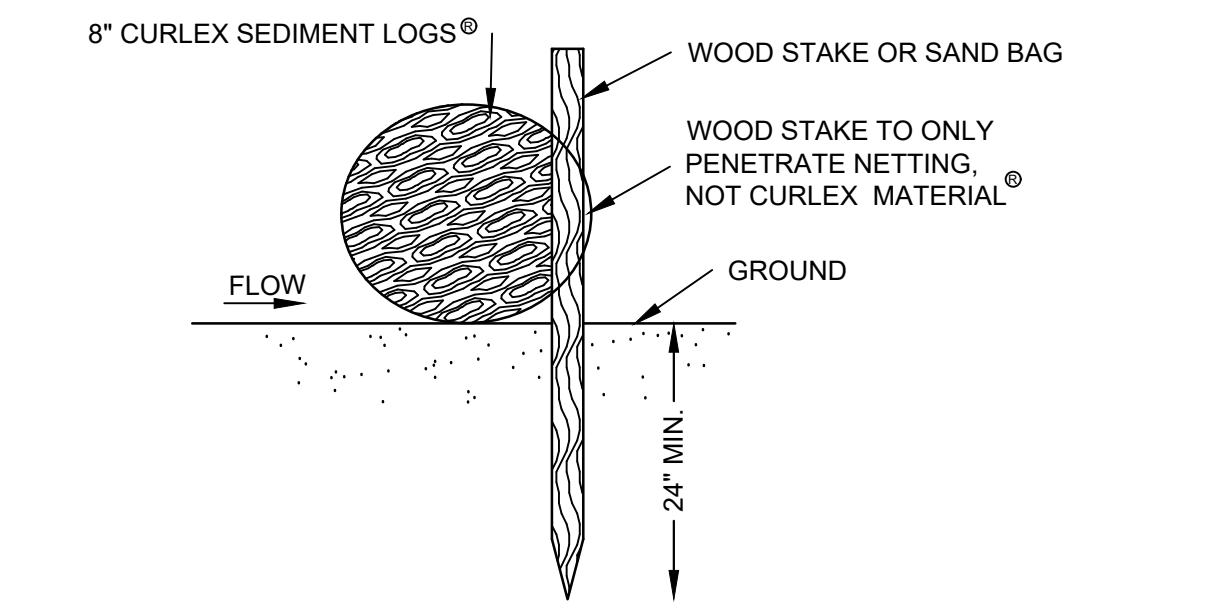
4 C501 RIP-RAP AT OUTLETS NOT TO SCALE



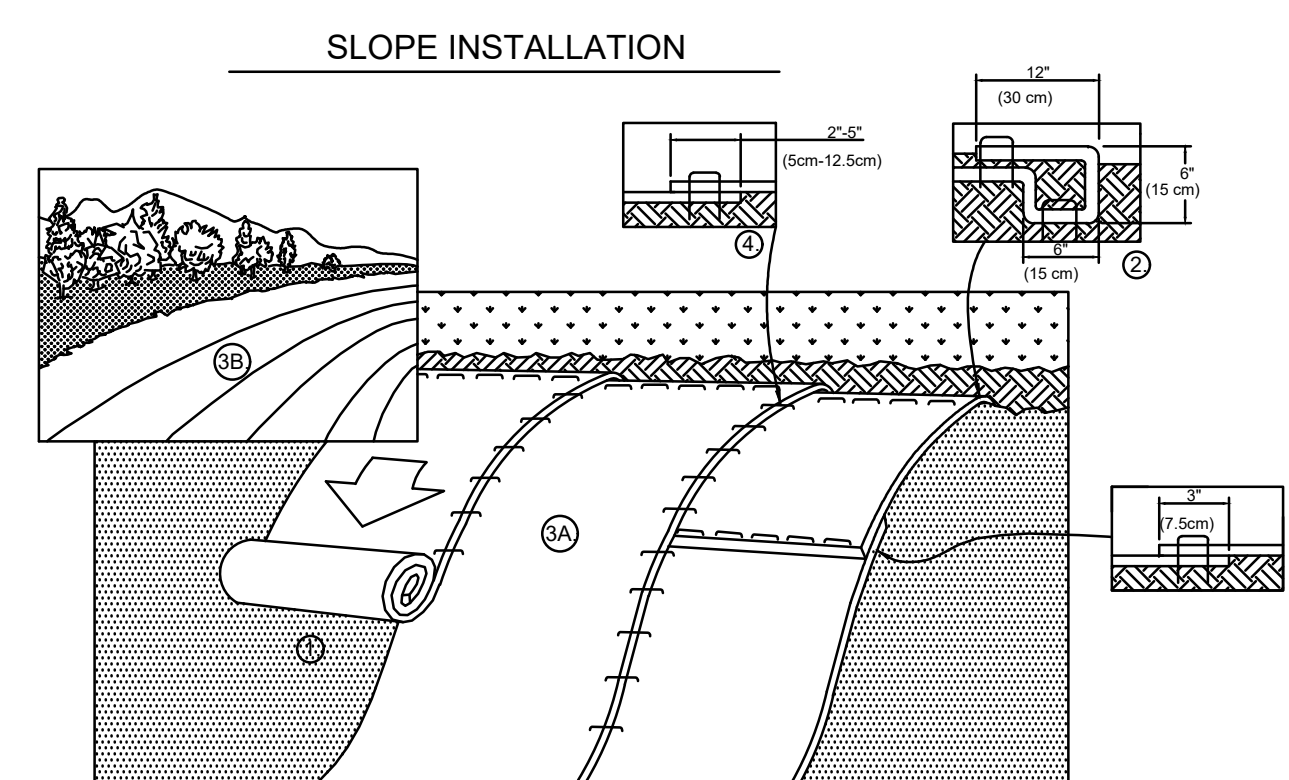
5 C501 TYPICAL RIP-RAP WEIR OVERFLOW NOT TO SCALE



6 C501 ROCK CONSTRUCTION ENTRANCE NOT TO SCALE



7 C501 SEDIMENT LOG DETAIL NOT TO SCALE



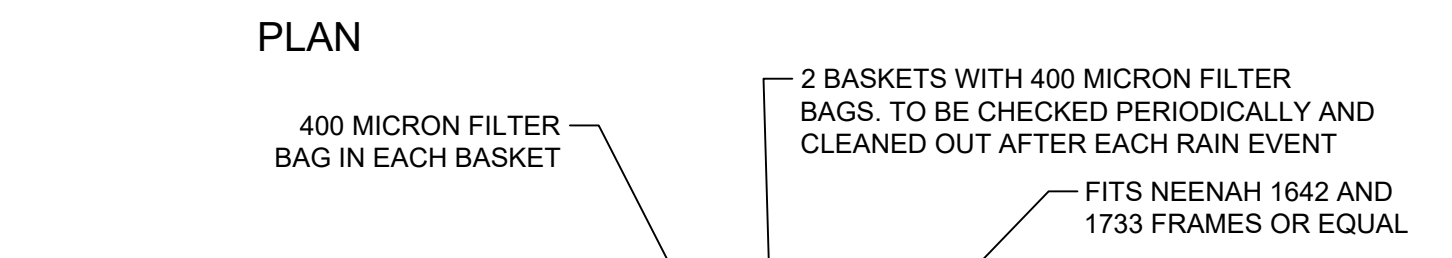
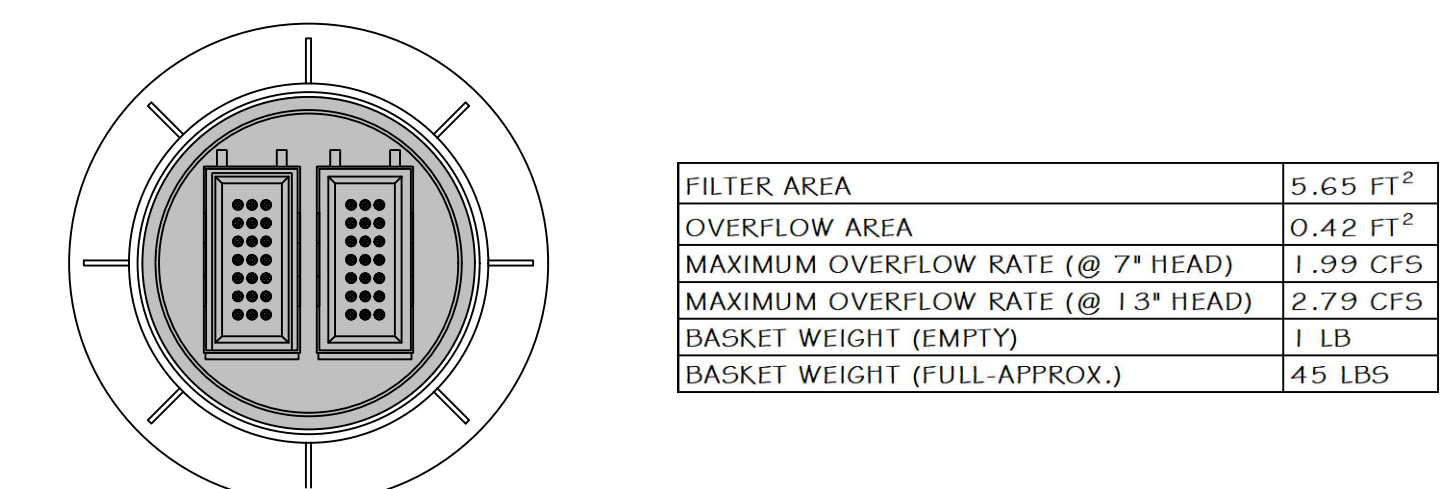
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
NOTE: WHEN USING CELL-SEED DO NOT SEED PREPARED AREA. CELL-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPs IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 CM) OF RECPs EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPs WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECPs BACK OVER SEED AND COMPACTED SOIL. SECURE RECPs OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECPs.
3. ROLL THE RECPs (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECPs WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPs MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECPs MUST BE STAPLED WITH APPROXIMATELY 2" - 3" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECPs TYPE.
5. CONSECUTIVE RECPs SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECPs WIDTH.
NOTE: *IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECPs.

Category 4 Erosion Control Blanket:
North American Green S150 erosion control blanket or approved equal.

Top Net Polypropylene 1.5 lbs/1,000 ft ² (0.73 kg/100 m ²) approx. wt.	Bottom Net Polypropylene 1.5 lbs/1,000 ft ² (0.73 kg/100 m ²) approx. wt.
Straw Fiber 0.50 LBS/YD ² (0.27 KG/M ²)	Thread Photodegradable

Staples/Anchors:
The type of anchors used to secure the blanket to the ground shall be Steel wire 11 Gauge 1" wide x 8" long.

8 C501 EROSION CONTROL BLANKET NOT TO SCALE



9 C501 INFRA SAFE INLET PROTECTION DEVICE (OR EQ.) NOT TO SCALE

CONSTRUCTION DOCUMENTS

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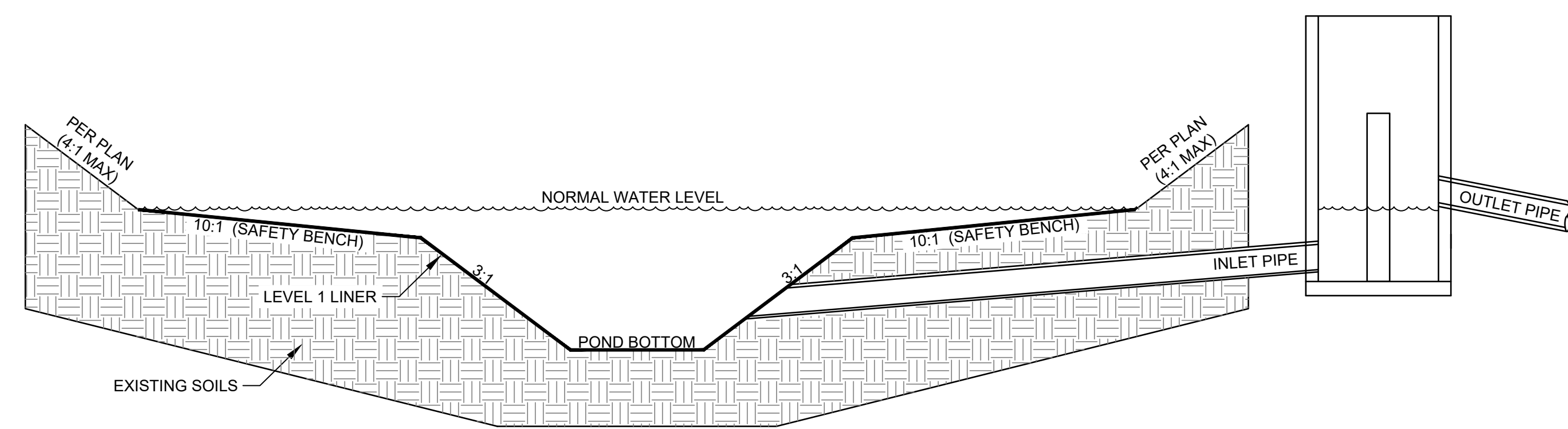
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HAWLEY PUBLIC SCHOOLS MIDDLE SCHOOL

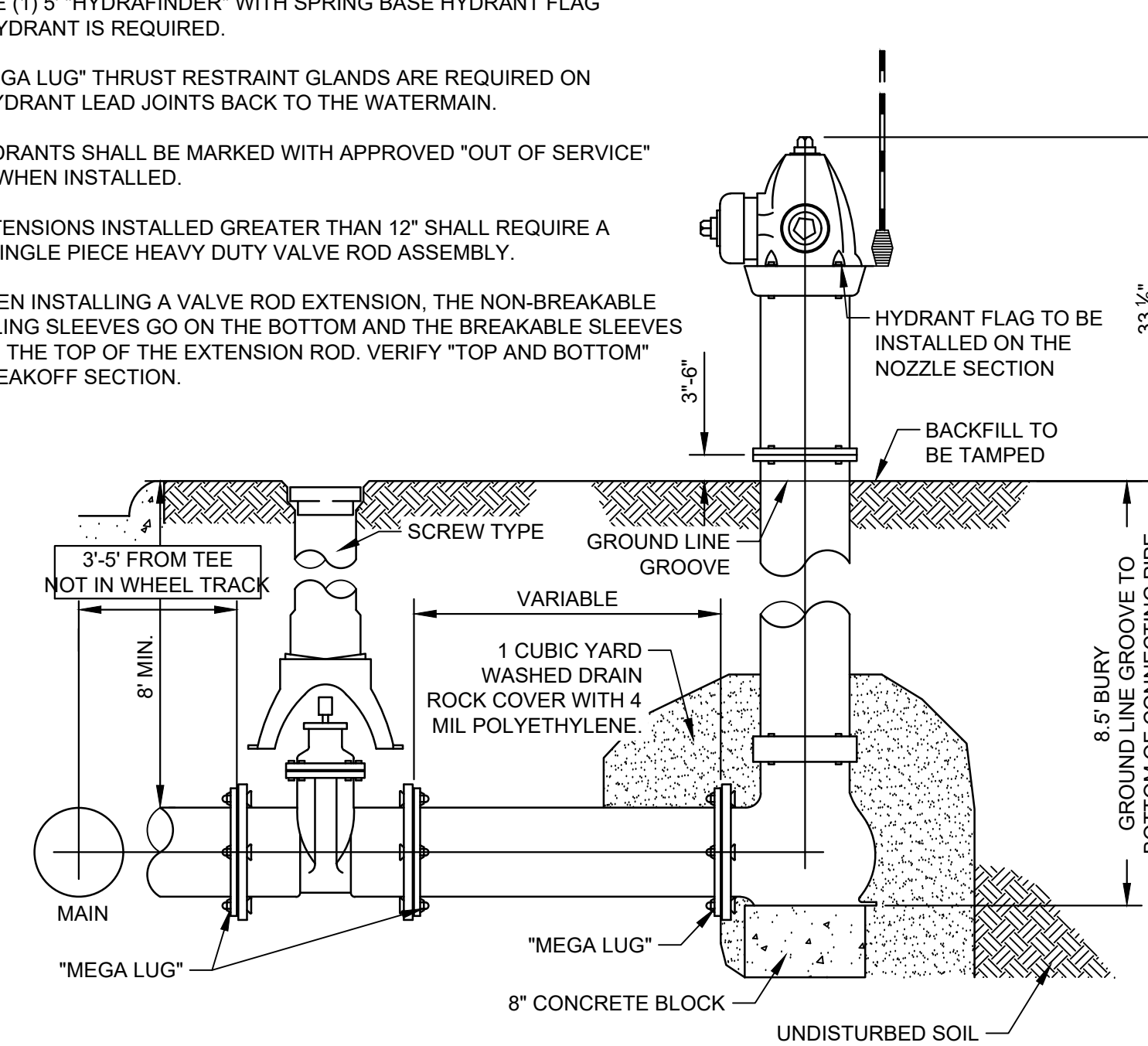
DETAILS



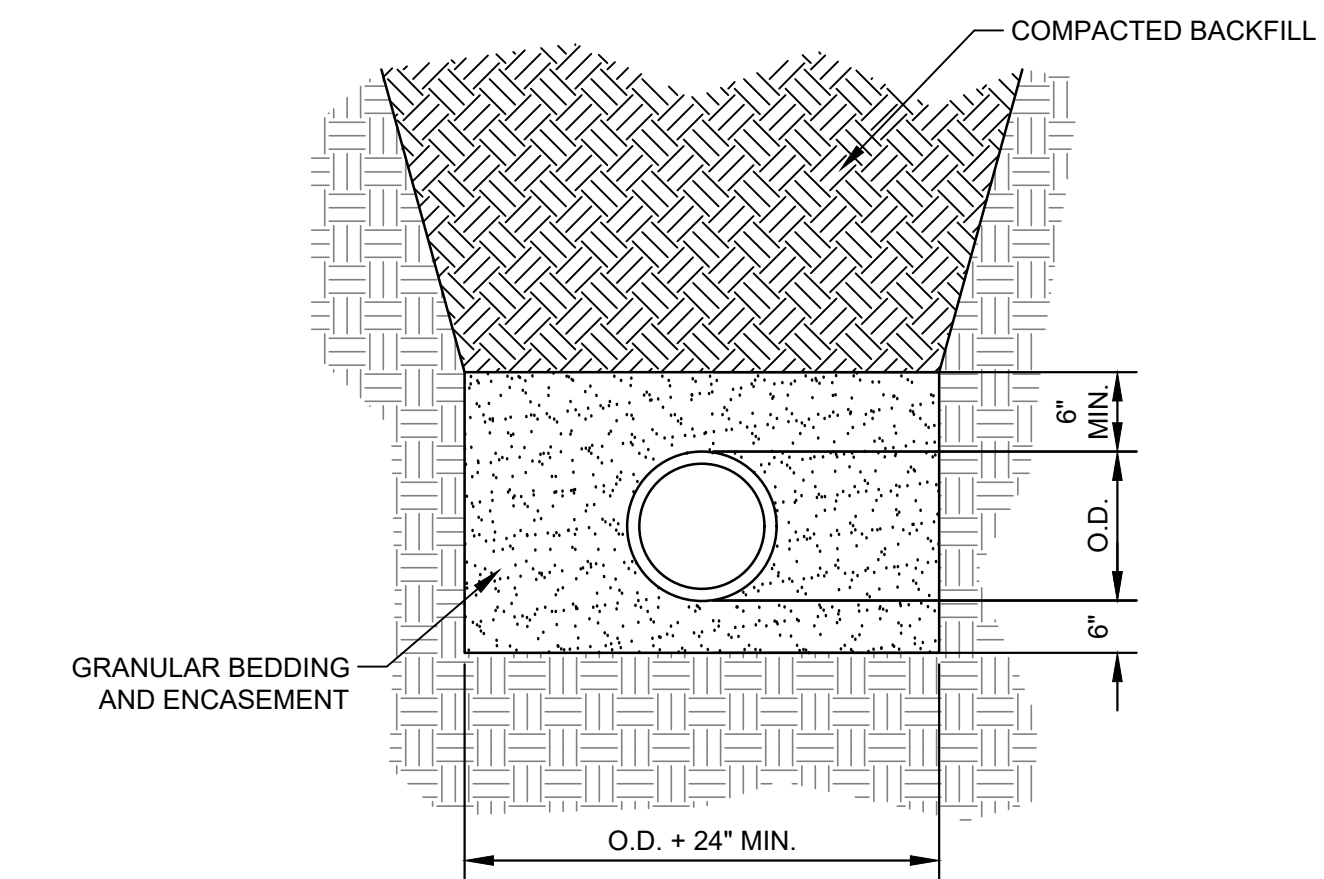
1
C502
WET SEDIMENTATION BASIN
CROSS SECTION
NOT TO SCALE

NOTES:

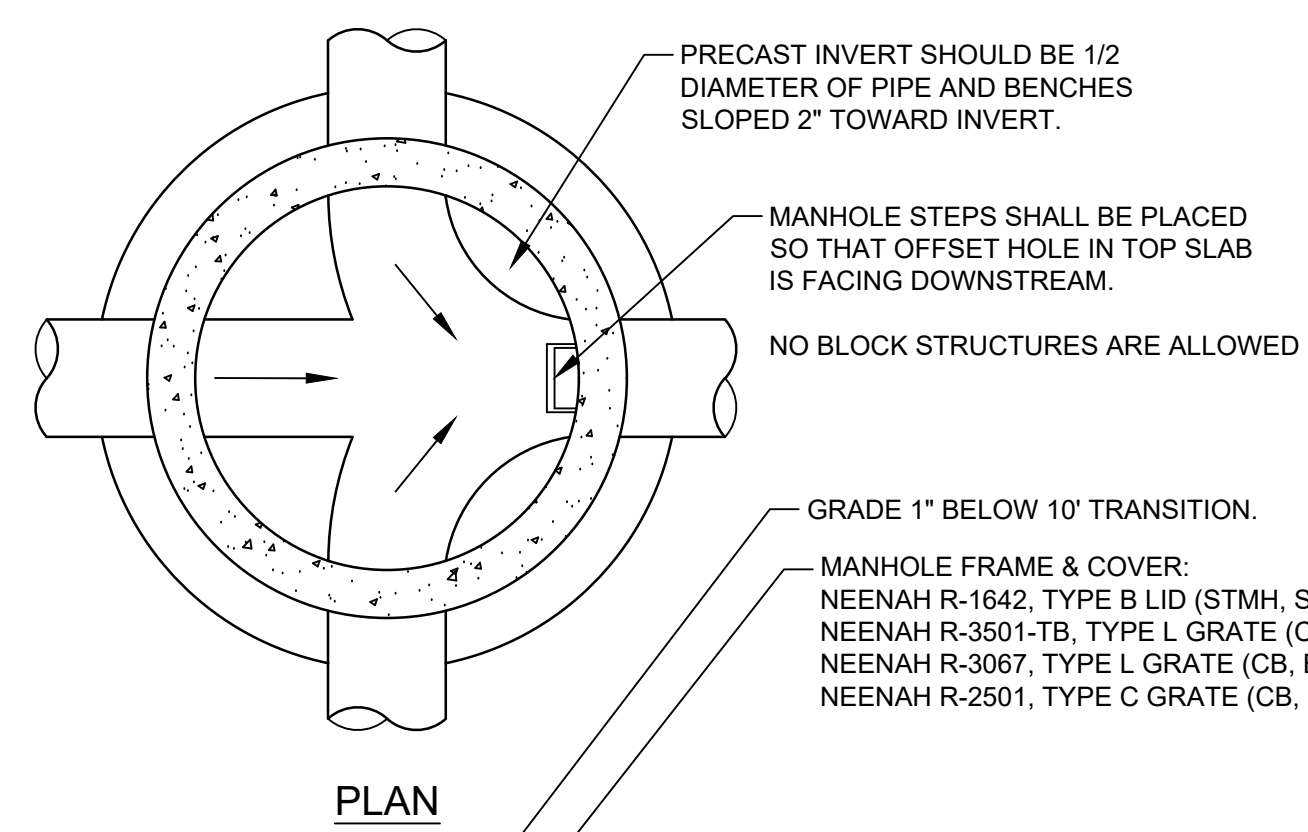
- 1.) HYDRANT SPECIFICATIONS PER CITY STANDARDS.
- 2.) ALL HYDRANT LEADS SHALL BE VALVED.
- 3.) ONE (1) 5" "HYDRAFINDER" WITH SPRING BASE HYDRANT FLAG PER HYDRANT IS REQUIRED.
- 4.) "MEGA LUG" THRUST RESTRAINT GLANDS ARE REQUIRED ON ALL HYDRANT LEAD JOINTS BACK TO THE WATERMAIN.
- 5.) HYDRANTS SHALL BE MARKED WITH APPROVED "OUT OF SERVICE" TAGS WHEN INSTALLED.
- 6.) EXTENSIONS INSTALLED GREATER THAN 12" SHALL REQUIRE A NEW SINGLE PIECE HEAVY DUTY VALVE ROD ASSEMBLY.
- 7.) WHEN INSTALLING A VALVE ROD EXTENSION, THE NON-BREAKABLE COUPLING SLEEVES GO ON THE BOTTOM AND THE BREAKABLE SLEEVES GO ON THE TOP OF THE EXTENSION ROD. VERIFY "TOP AND BOTTOM" OF BREAKOFF SECTION.



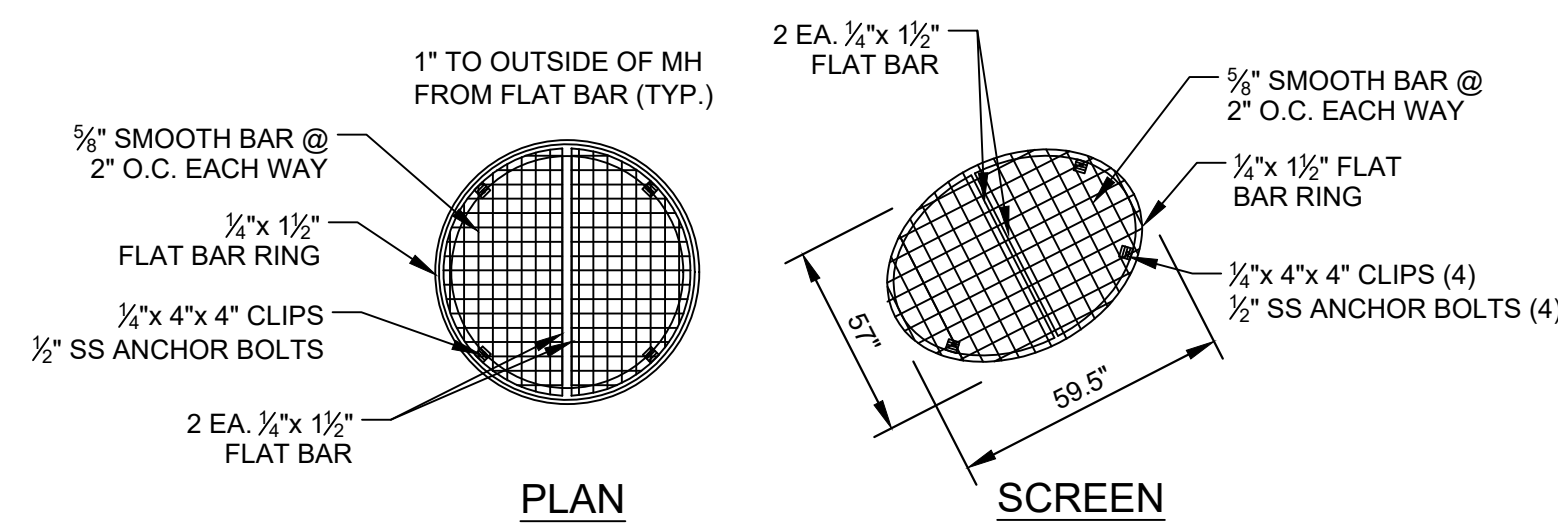
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C502
HYDRANT & GATE VALVE
INSTALLATION DETAIL
NOT TO SCALE



9
C502
GRANULAR BEDDING DETAIL
NOT TO SCALE

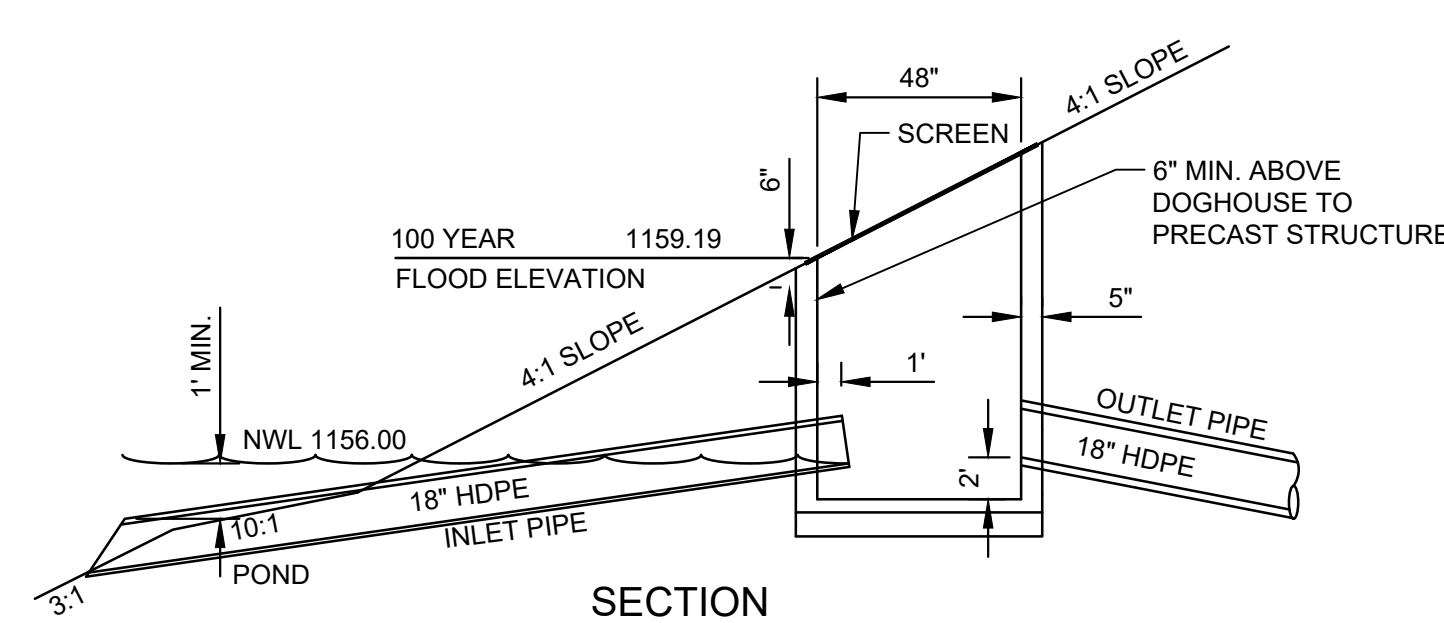


PLAN



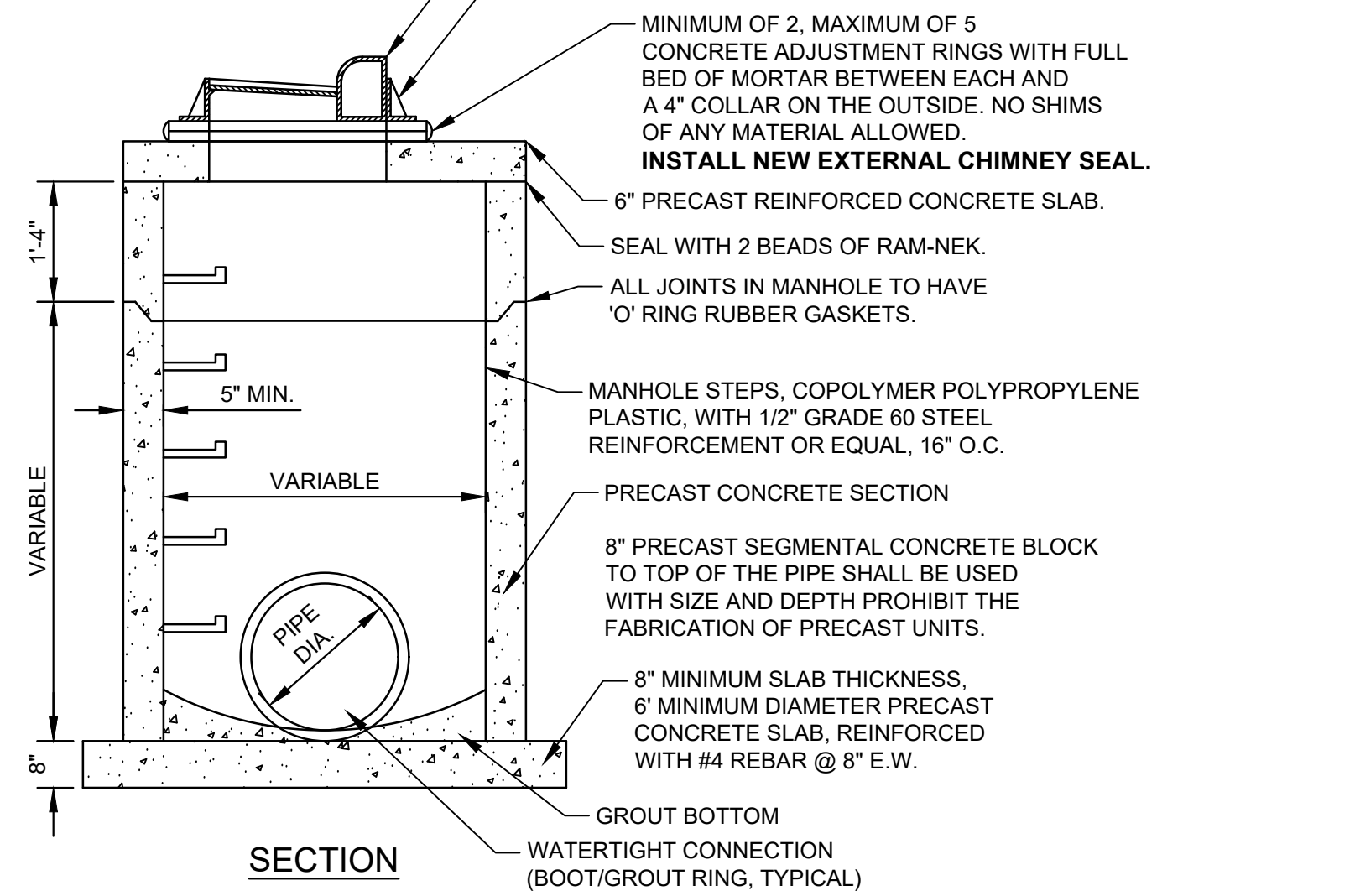
PLAN

SCREEN



SECTION

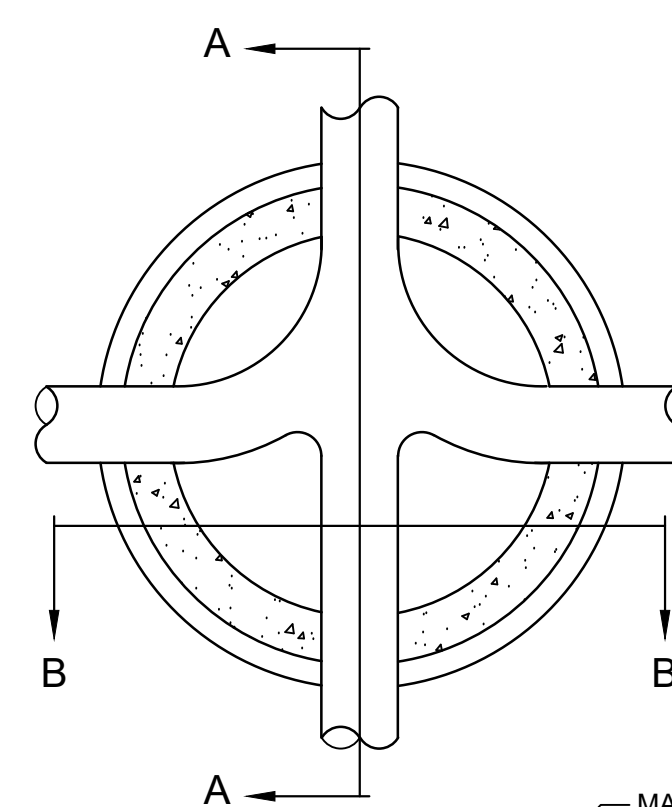
4
C502
POND SKIMMER STRUCTURE
NOT TO SCALE



SECTION

CATCH BASIN
MANHOLE DETAIL
NOT TO SCALE

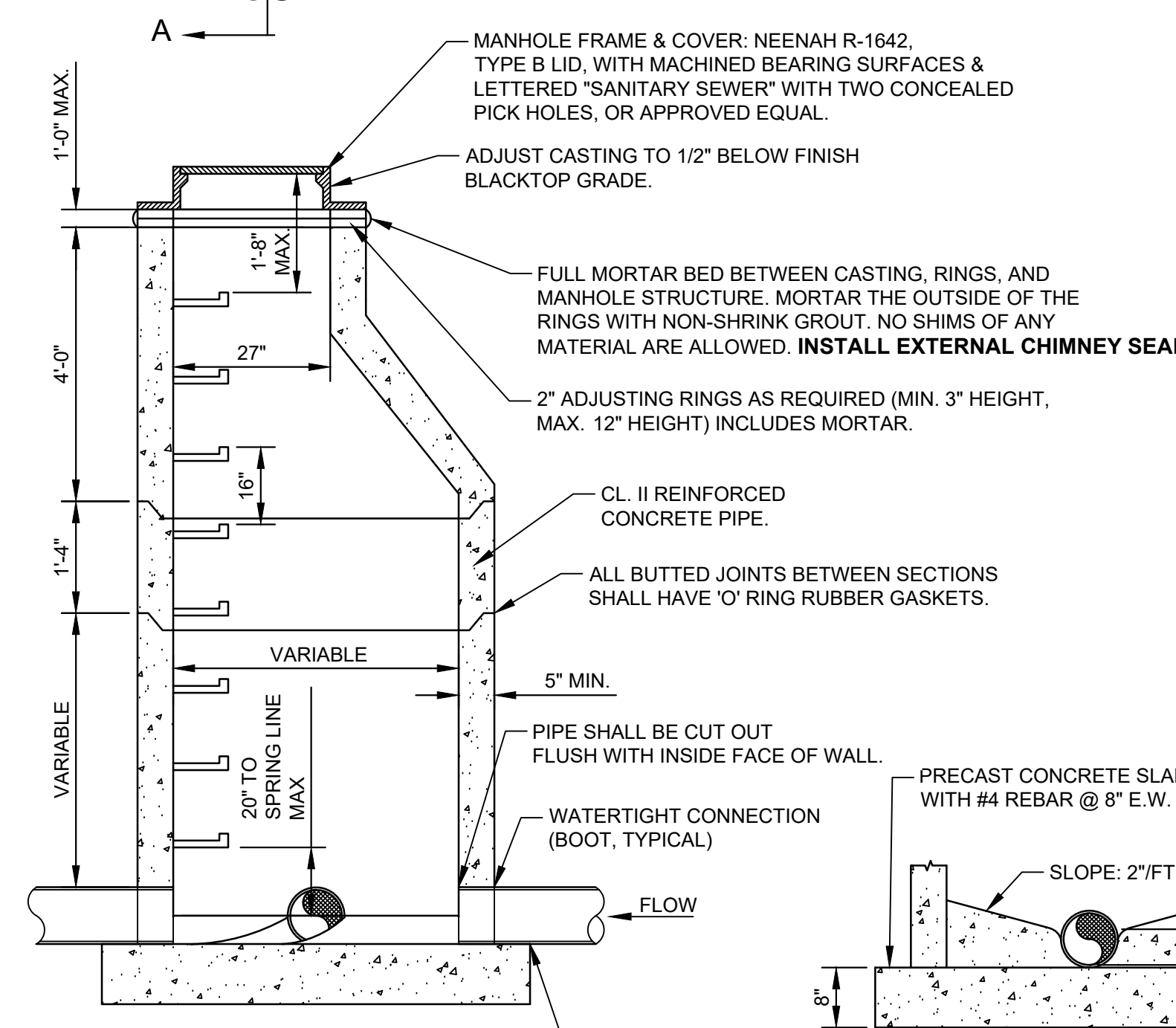
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C502



PLAN

NOTES:

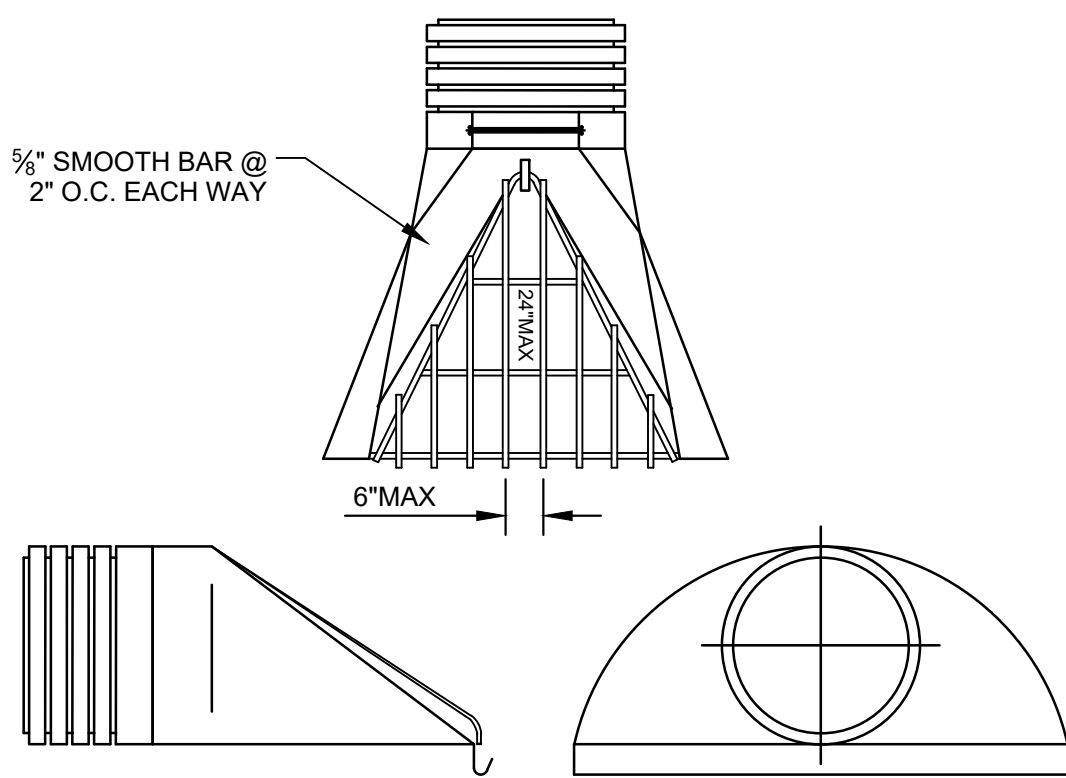
- 1.) GROUT BOTTOM OF MANHOLE TO 1/2 OR 2/3 DIAMETER OF PIPE AND SLOPE GROUT 2" PER FOOT.
- 2.) 1/4" TO 1/2" IS MAX. MORTAR THICKNESS WITH USED FOR CASTING ADJUSTMENT.
- 3.) COPOLYMER POLYPROPYLENE PLASTIC, WITH 1/2" GRADE 60 STEEL REINFORCEMENT OR APPROVED EQUAL, STEPS 16" O.C. DOWNSTREAM SIDE.
- 4.) KOR-N-SEAL MANHOLE OR EQUAL CONSIDERED ACCEPTABLE ALTERNATE.



SECTION A-A

SANITARY
SEWER MANHOLE DETAIL
NOT TO SCALE

5
C502

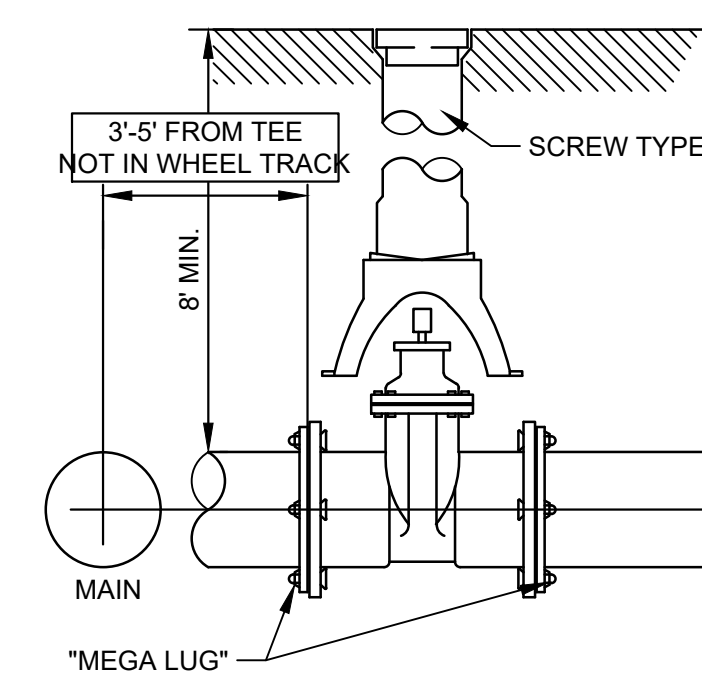


FLARED END
SECTION DETAIL
NOT TO SCALE

3
C502

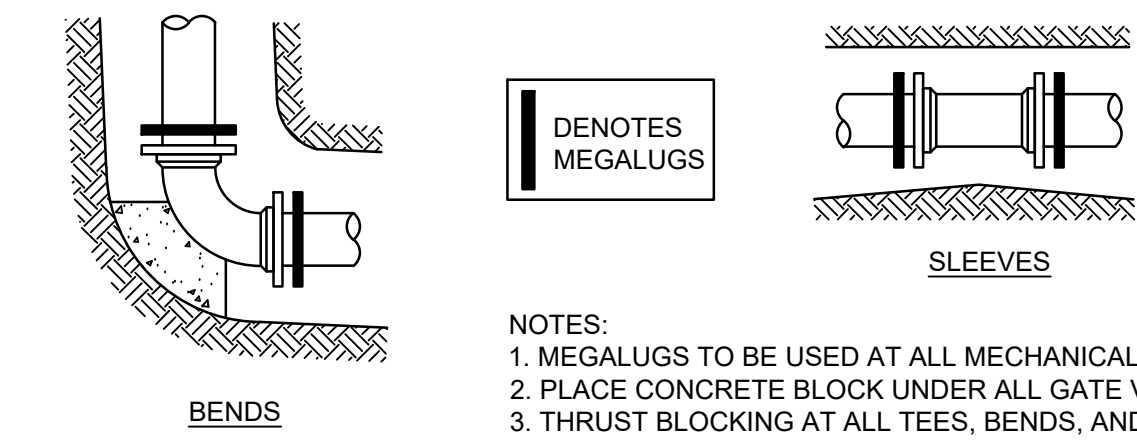
NOTES:

- 1.) GATE VALVE SPECIFICATIONS PER CITY STANDARDS.
- 2.) "MEGA LUG" THRUST RESTRAINT GLANDS ARE REQUIRED ON ALL GATE VALVE LEAD JOINTS BACK TO THE WATERMAIN.
- 3.) WHEN INSTALLING A VALVE ROD EXTENSION, THE NON-BREAKABLE COUPLING SLEEVES GO ON THE BOTTOM AND THE BREAKABLE SLEEVES GO ON THE TOP OF THE EXTENSION ROD. VERIFY "TOP AND BOTTOM" OF BREAKOFF SECTION.
- 4.) CONTRACTOR SHALL ADJUST TOP BARREL SECTION FLUSH TO FINISH GRADE.



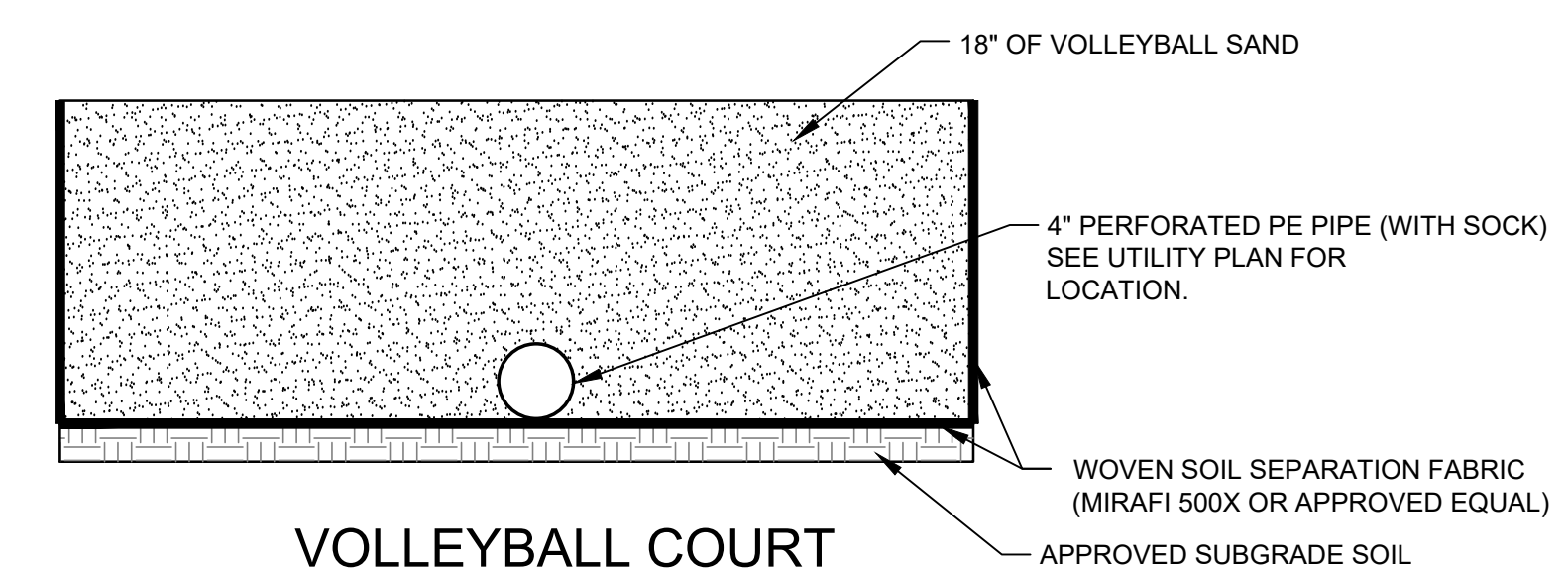
GATE VALVE
INSTALLATION DETAIL
NOT TO SCALE

7
C502



TYPICAL MEGALUG AND
THRUST BLOCK LOCATIONS
NOT TO SCALE

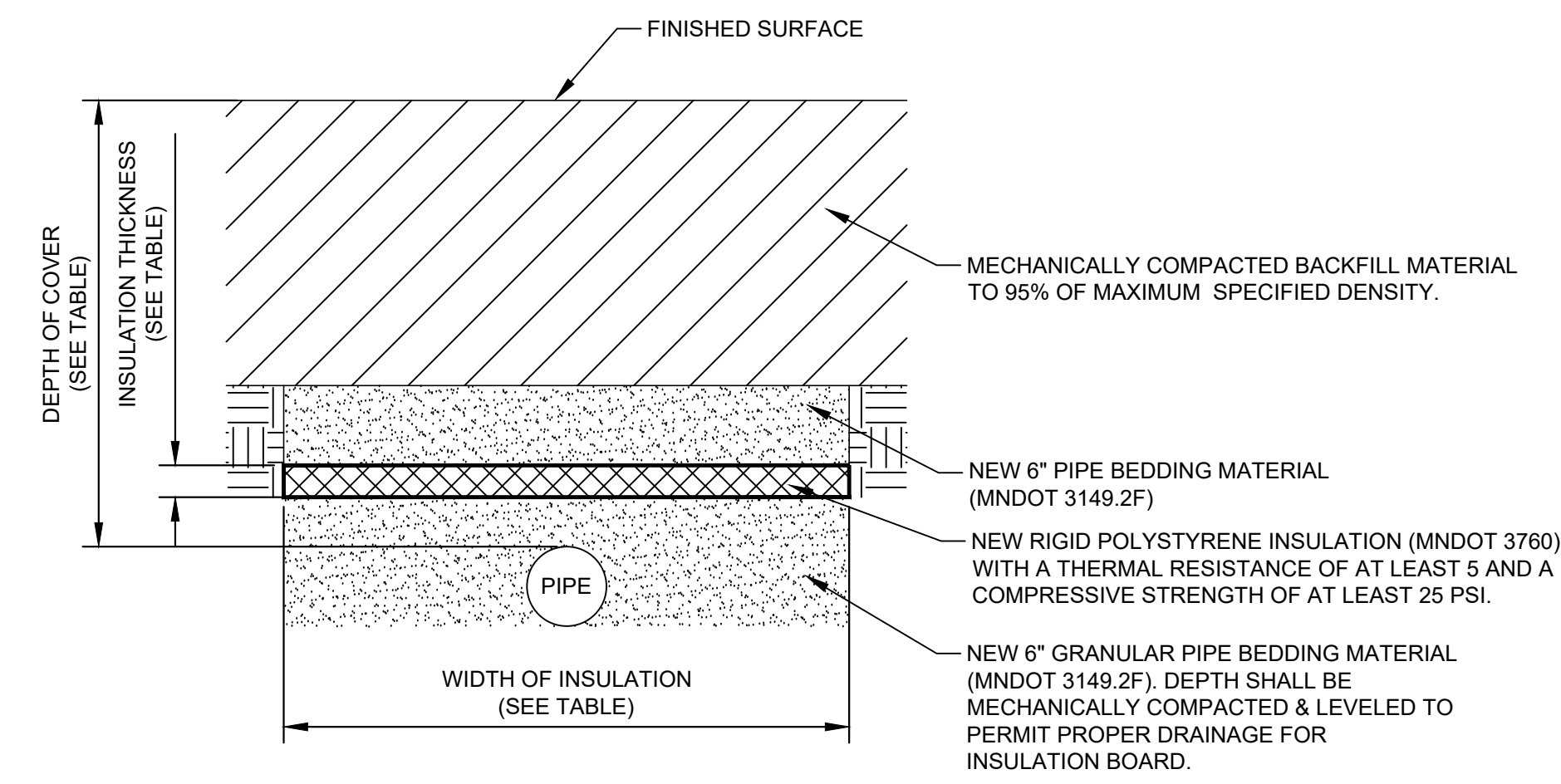
10
C502



VOLLEYBALL COURT
AND DRAIN TILE
NOT TO SCALE

11
C502

DEPTH OF COVER	WIDTH OF INSULATION	INSULATION THICKNESS
<5'	8'	4"
5'-7.5'	4'	2"



PIPE INSULATION DETAIL
NOT TO SCALE

8
C502

CONSTRUCTION
DOCUMENTS

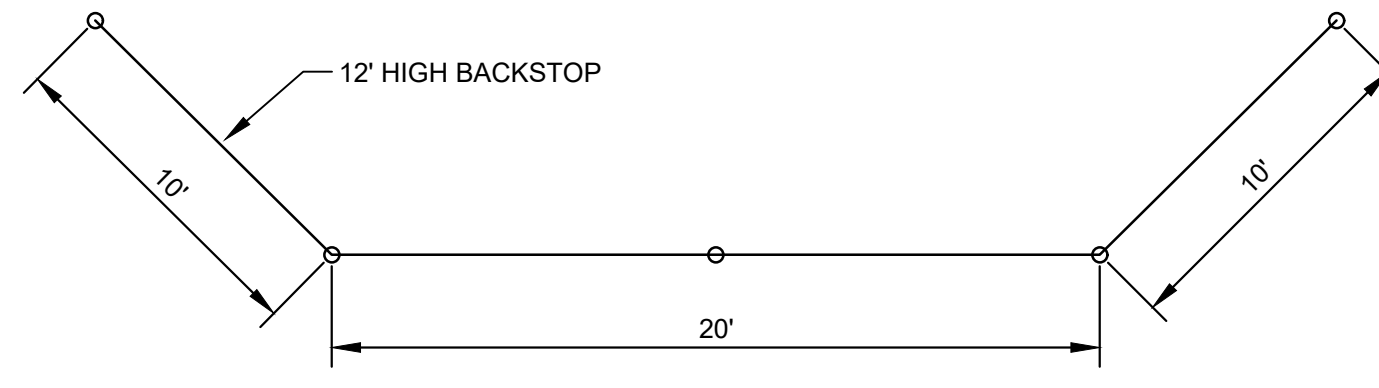
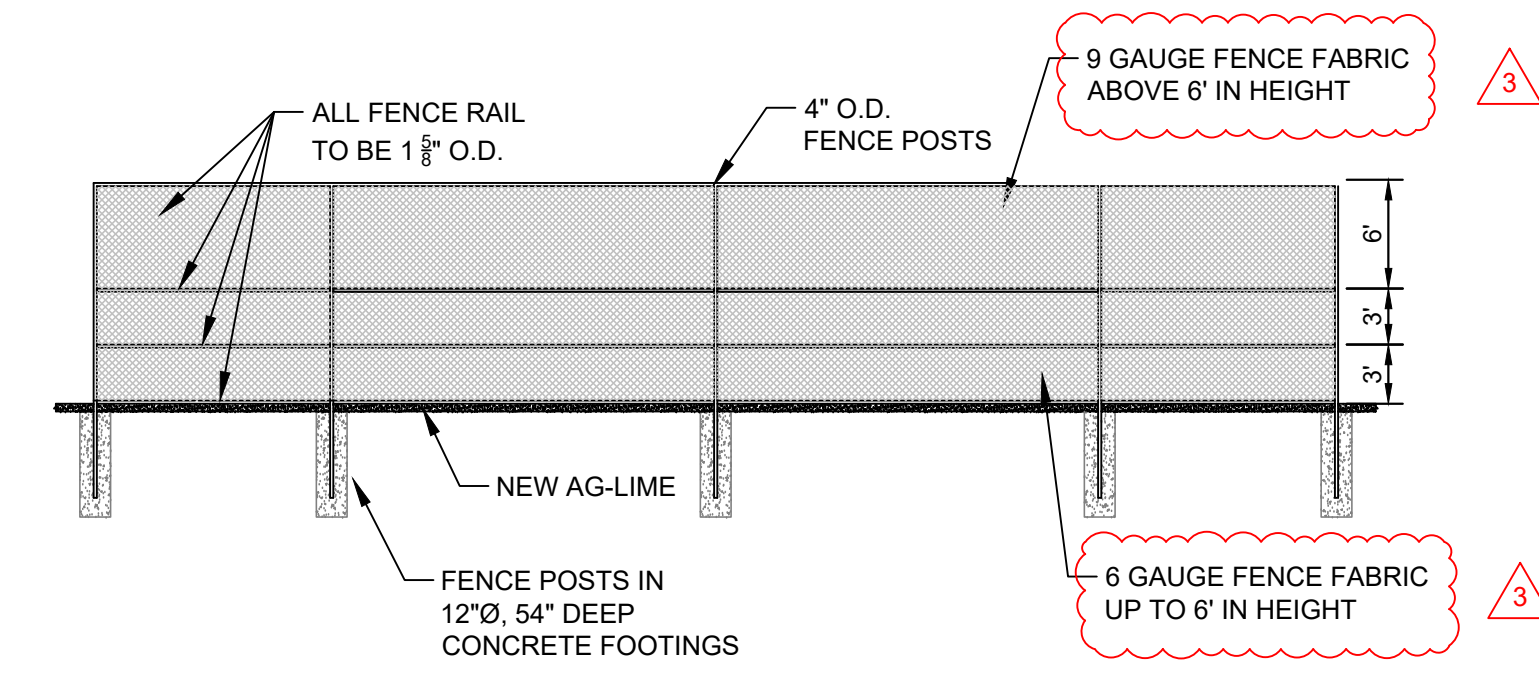
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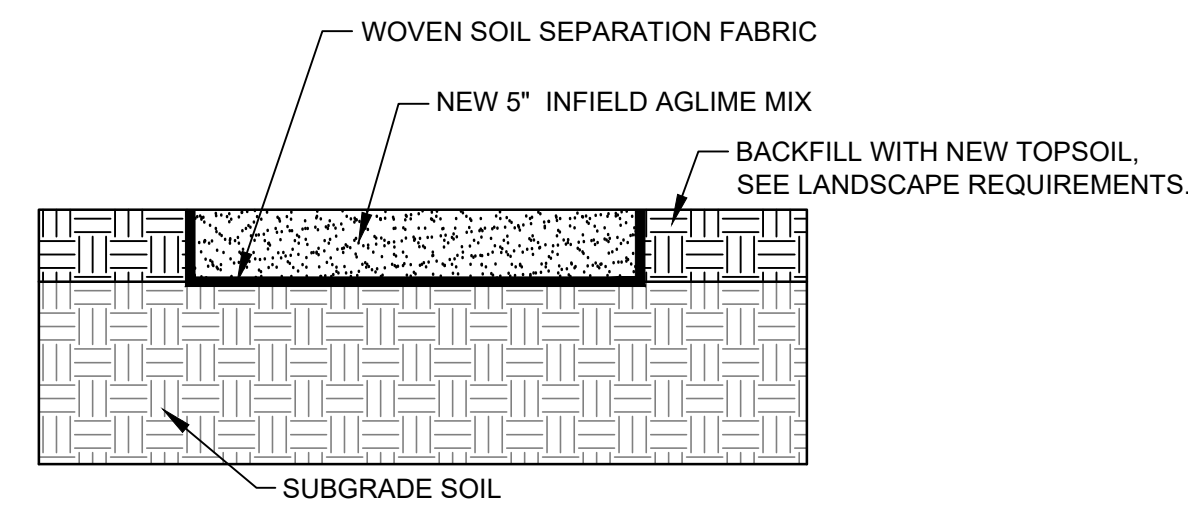
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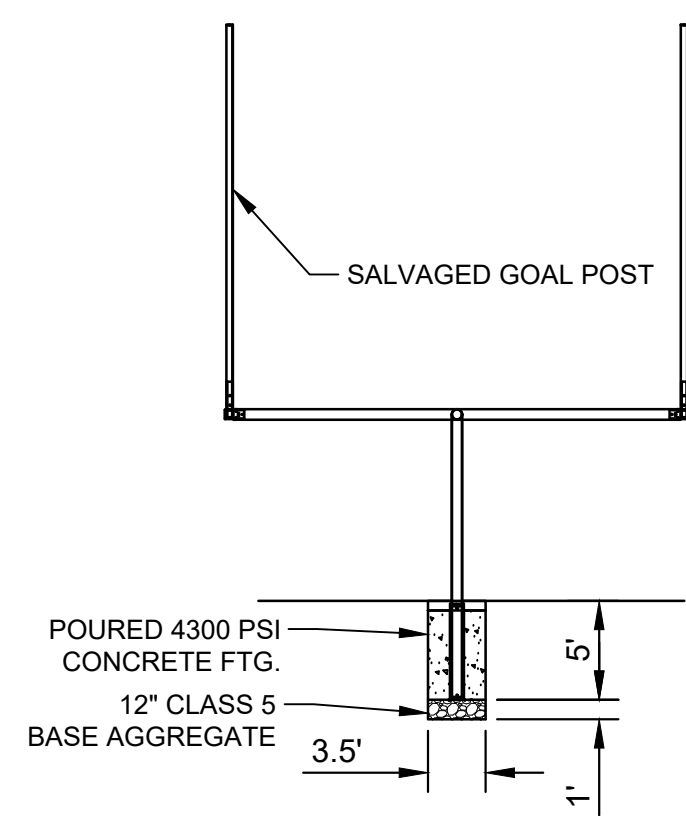




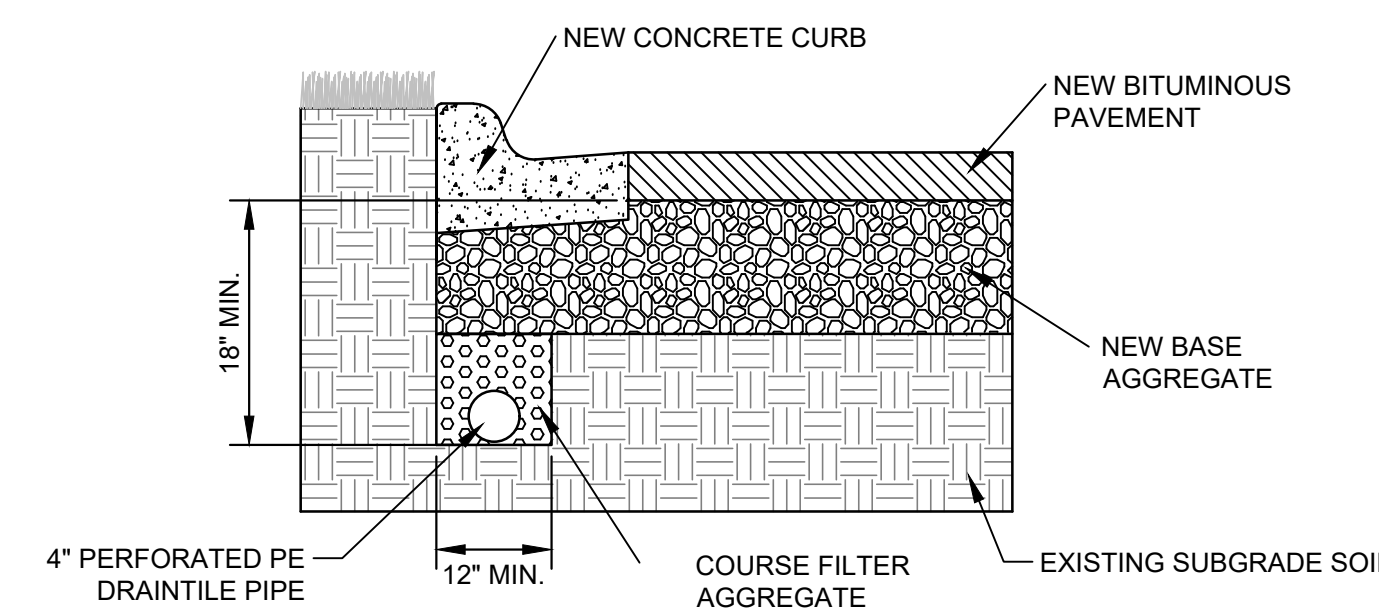
1
C503
BALL FIELD BACKSTOP DETAIL
NOT TO SCALE



2
C503
BASEBALL AG-LIME SURFACING DETAIL
NOT TO SCALE



3
C503
GOAL POST FOUNDATION DETAIL
NOT TO SCALE



4
C503
CURB LINE DRAIN TILE DETAIL
NOT TO SCALE

CONSTRUCTION DOCUMENTS

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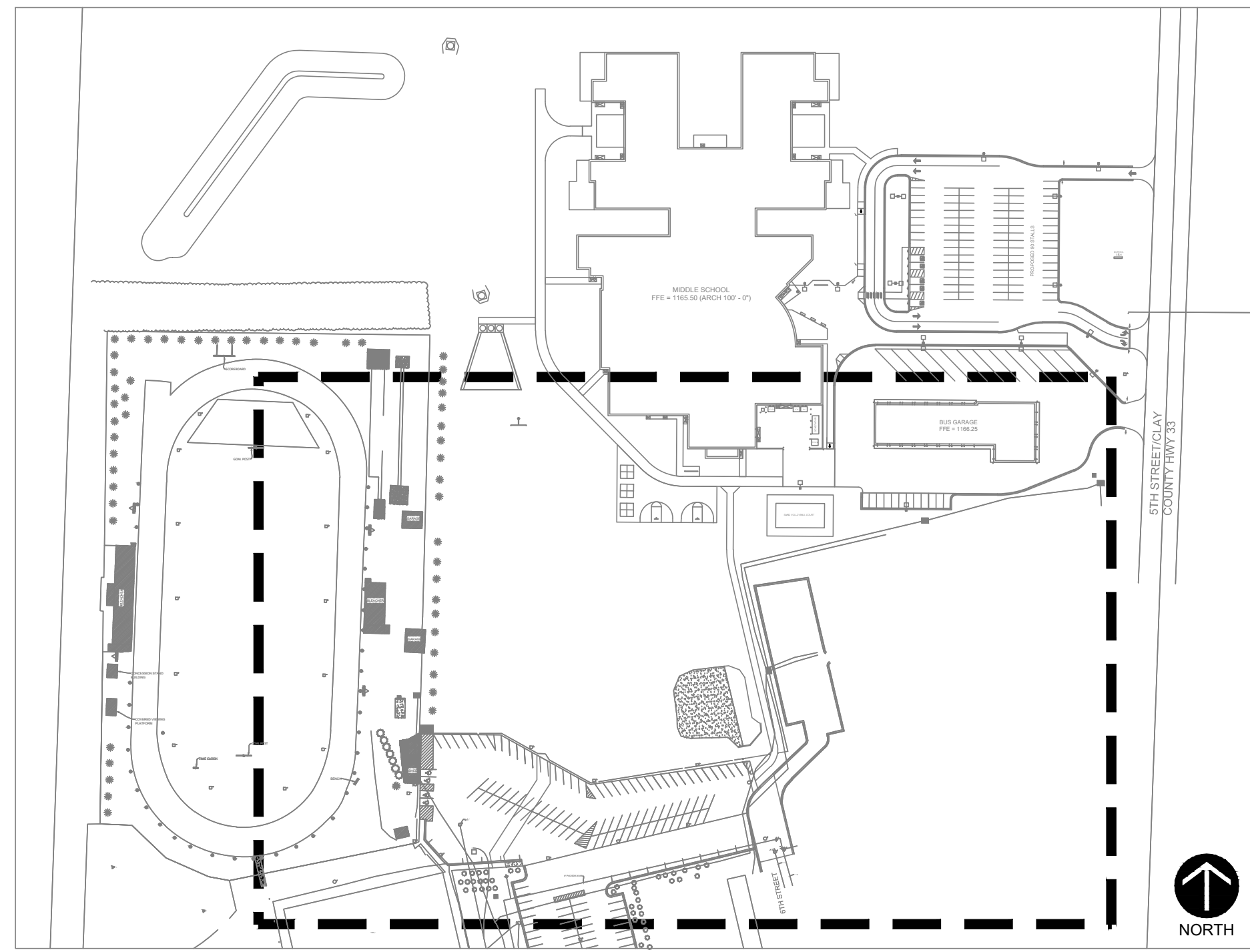
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HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL

DETAILS



KEY PLAN
NOT TO SCALE



SYMBOL LEGEND

- SOD (SEE SPECIFICATIONS)
TOTAL AREA: 1,042 SQUARE YARDS
- SEED, ALL DISTURBED AREAS (MNDOT MIX #25-131)
TOTAL AREA: 5.1 ACRE
- ATHLETIC SEED MIX (SEE SPECIFICATIONS)
TOTAL AREA: 8,455 SQUARE YARDS
- STORMWATER SEED MIX (MNDOT MIX #33-261)
TOTAL AREA: 1,685 SQUARE YARDS
- 4" OF SHREDDED HARDWOOD MULCH OVER WEED CONTROL FABRIC. PROVIDE LANDSCAPE EDGING, AS NEEDED, TO HOLD IN THE WOOD MULCH

LANDSCAPING NOTES

1. Landscape Contractor is responsible for coordination with other contractors to protect the new improvements during landscape work activities. Report any damage to the Construction Manager immediately.
2. Plant size and species substitutions must be approved in writing prior to acceptance in the field.
3. Landscape Contractor is responsible for ongoing maintenance of all newly installed material until time of owner acceptance. Any acts of vandalism or damage which may occur prior to owner acceptance shall be the responsibility of the contractor. Contractor shall provide the owner with a maintenance program including, but not limited to, pruning, fertilization and disease/pest control.
4. Landscape Contractor shall provide the owner with a watering schedule appropriate to the project site conditions and to plant material growth requirements.
5. Landscape Contractor shall guarantee newly planted material through one calendar year from the date of written owner acceptance. Plants that exhibit more than 10% die-back damage shall be replaced at no additional cost to the owner. The contractor shall also provide adequate tree wrap and deer/rodent protection measures for the plantings during the warranty period.
6. Restore all disturbed turf areas with 4" of good quality topsoil and seed/sod, as indicated.



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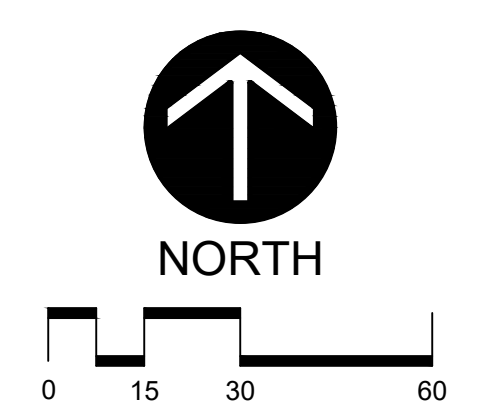


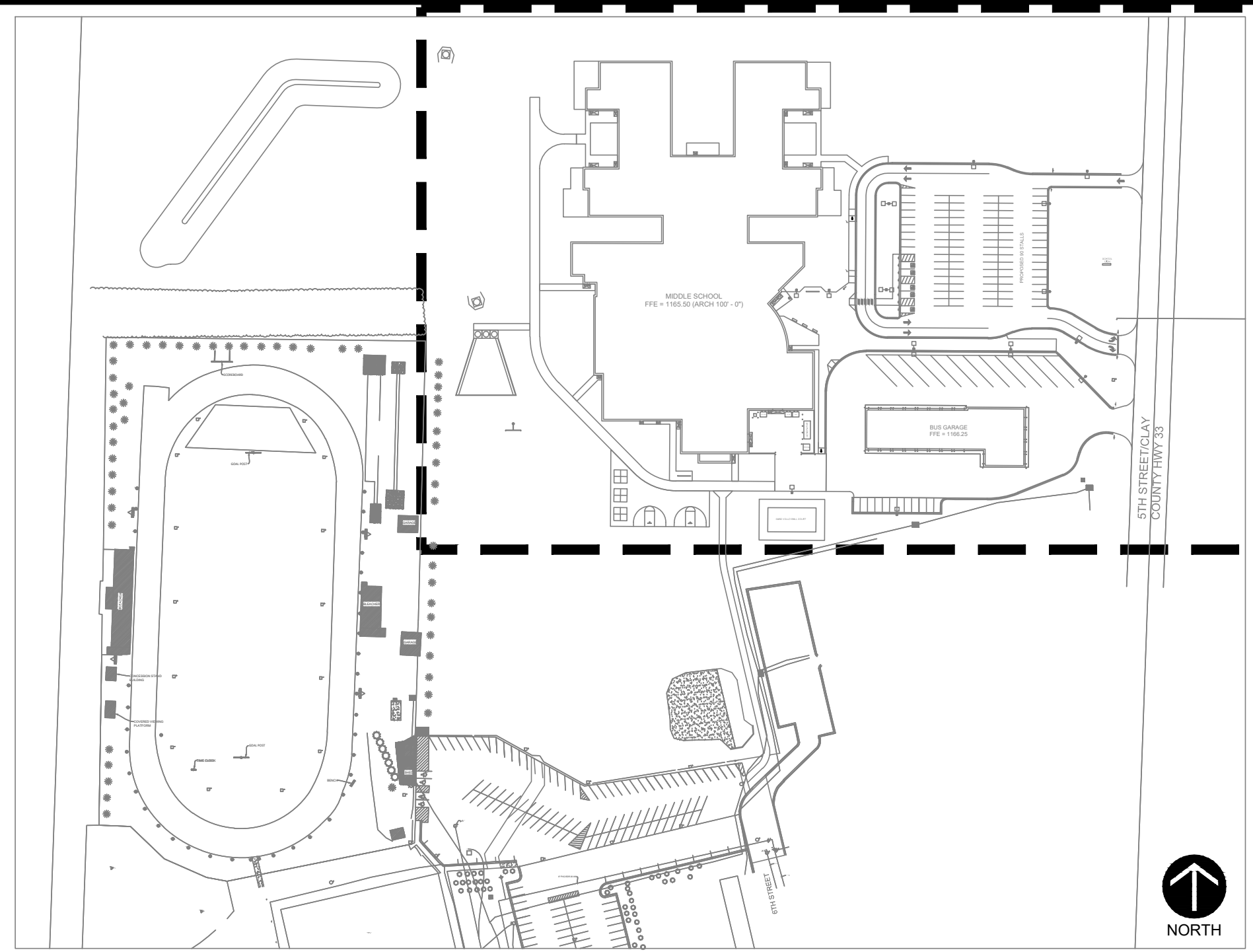
**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

LANDSCAPE PLAN

Project No.: 12226178
Date: 02/01/2024

C600



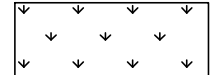
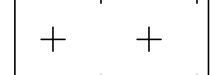





KEY PLAN
NOT TO SCALE

LANDSCAPING NOTES

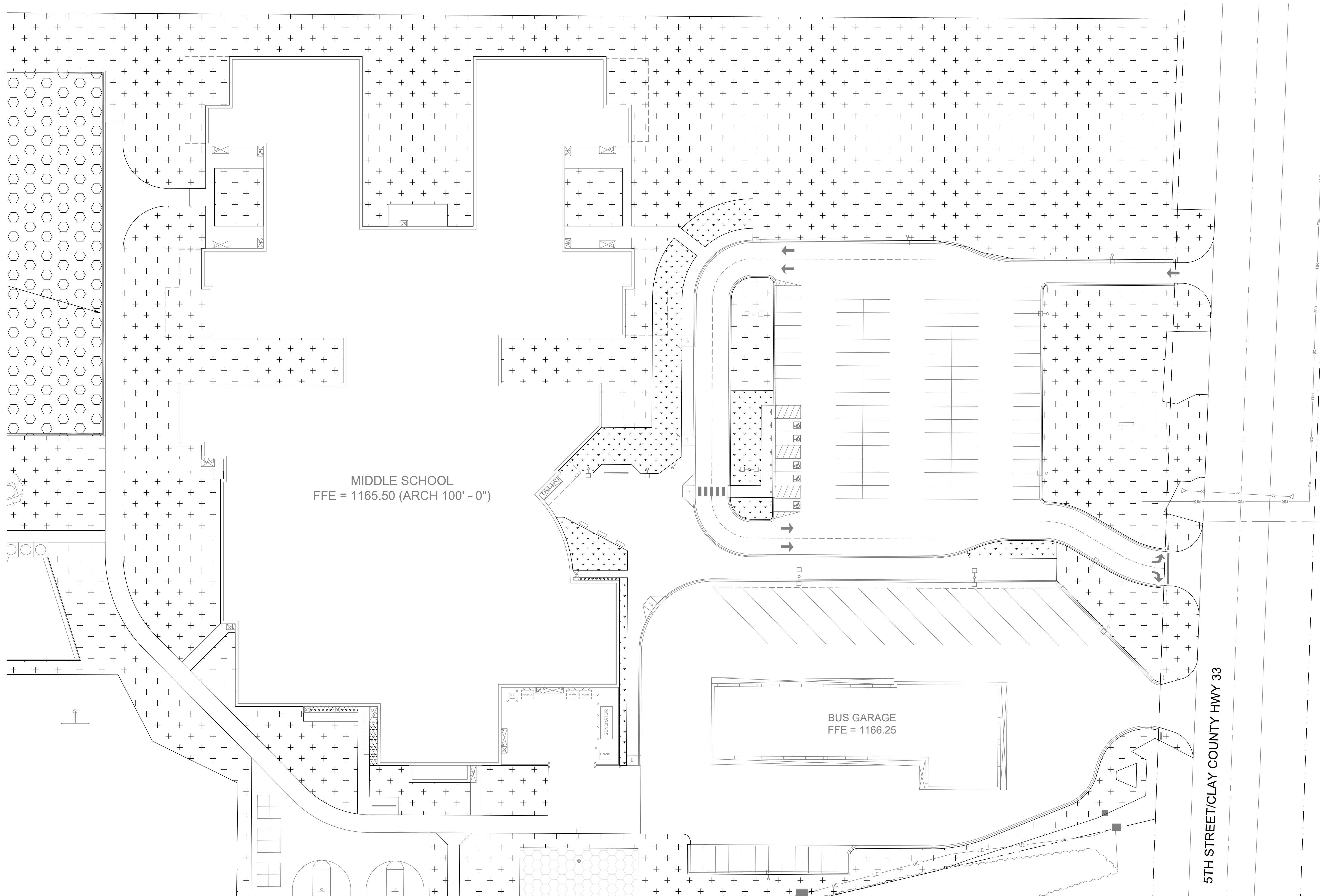
1. See Sheet C600 for Landscaping notes

SYMBOL LEGEND

-  SOD (SEE SPECIFICATIONS)
TOTAL AREA: 1,042 SQUARE YARDS
-  SEED, ALL DISTURBED AREAS (MNDOT MIX #25-131)
TOTAL AREA: 5.1 ACRE
-  ATHLETIC SEED MIX (SEE SPECIFICATIONS)
TOTAL AREA: 8,455 SQUARE YARDS
-  STORMWATER SEED MIX (MNDOT MIX #33-261)
TOTAL AREA: 1,685 SQUARE YARDS
-  4" OF SHREDDED HARDWOOD MULCH OVER WEED CONTROL FABRIC. PROVIDE LANDSCAPE EDGING, AS NEEDED, TO HOLD IN THE WOOD MULCH



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5TH STREET/CLAY COUNTY HWY 33

CONSTRUCTION DOCUMENTS

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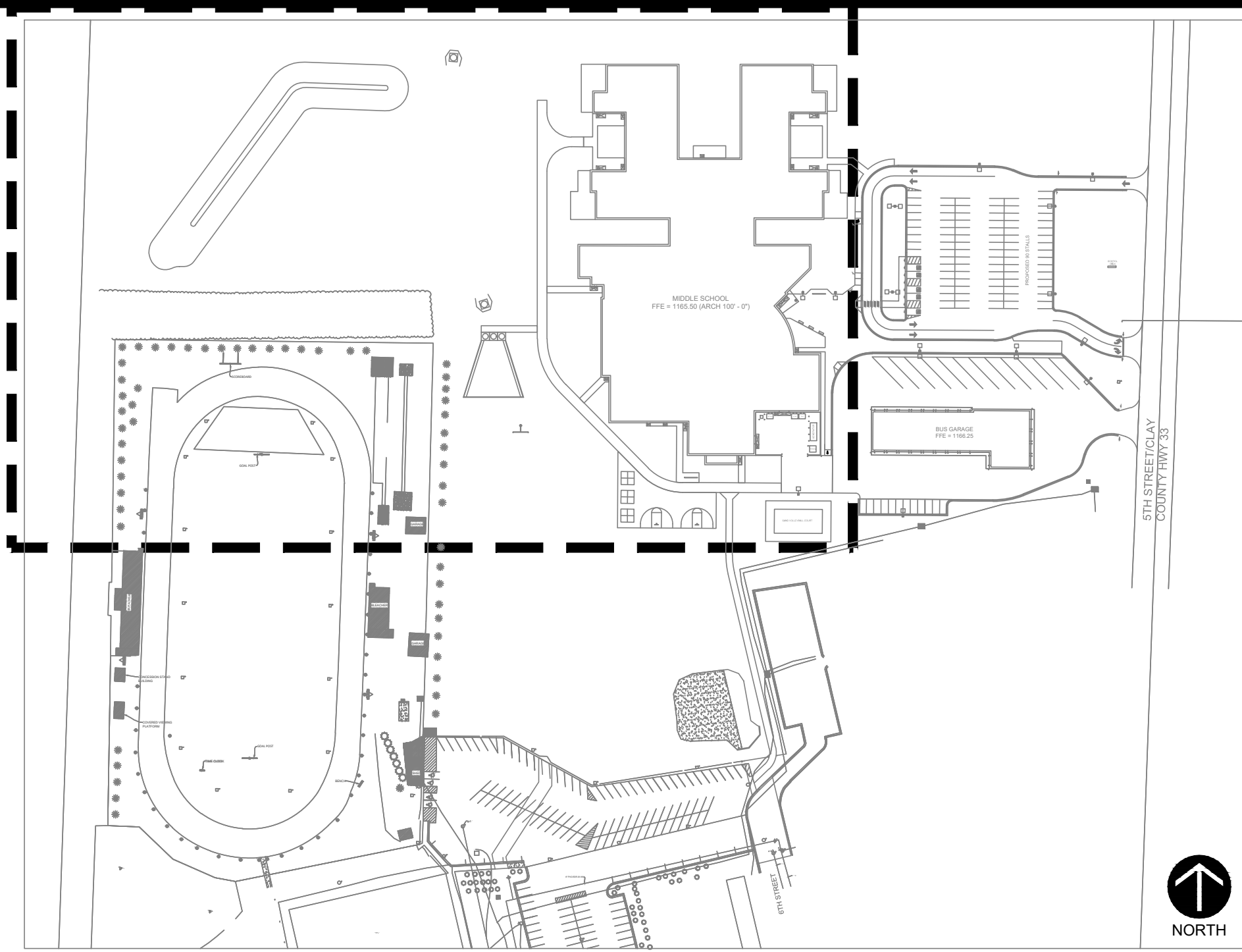


**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

LANDSCAPE PLAN

Project No.: 12226178
Date: 02/01/2024

C601



KEY PLAN
NOT TO SCALE

LANDSCAPING NOTES

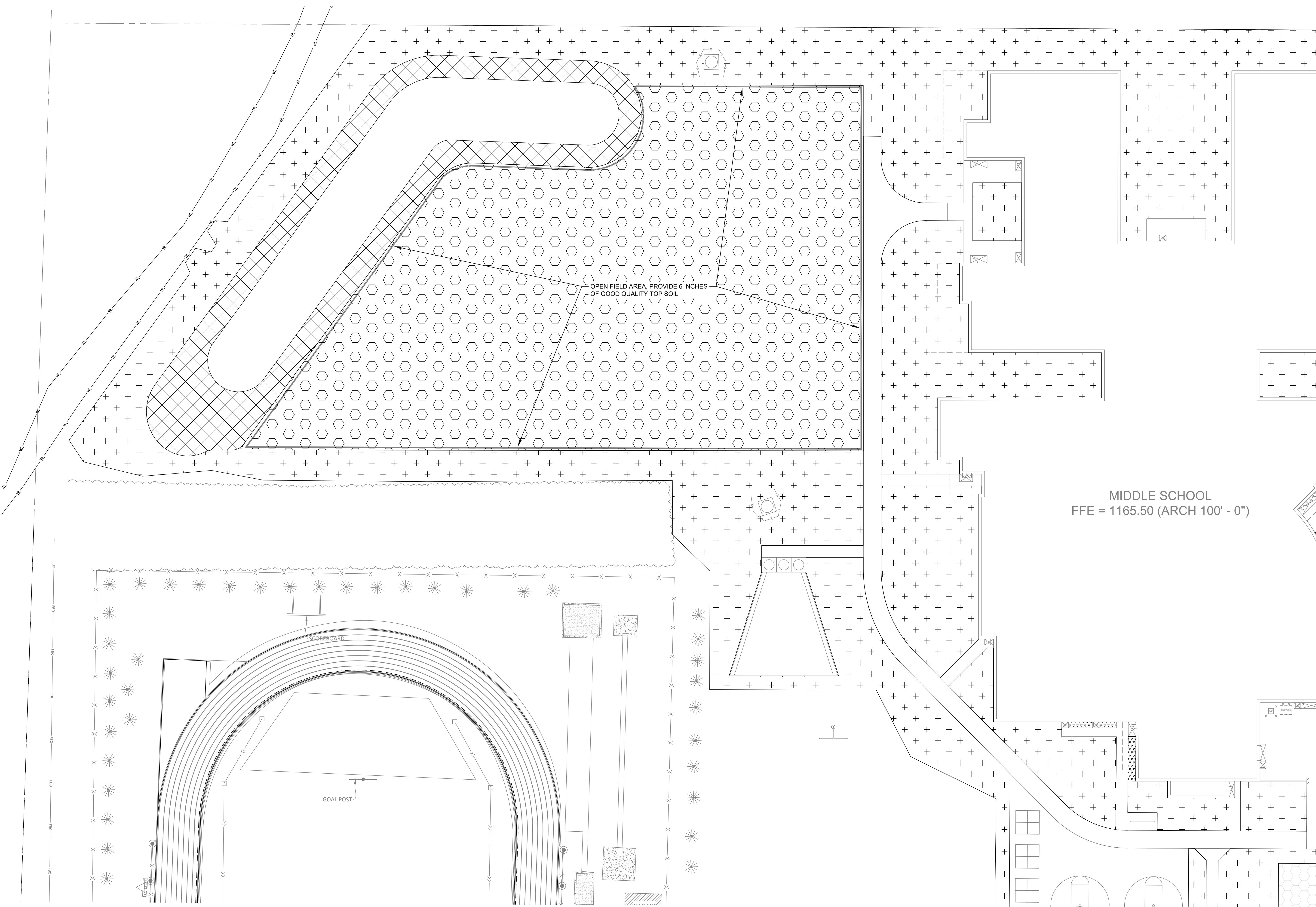
1. See Sheet C600 for Landscaping notes

SYMBOL LEGEND

- SOD (SEE SPECIFICATIONS)
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- SEED, ALL DISTURBED AREAS (MNDOT MIX #25-131)
TOTAL AREA: 5.1 ACRE
- ATHLETIC SEED MIX (SEE SPECIFICATIONS)
TOTAL AREA: 8,455 SQUARE YARDS
- STORMWATER SEED MIX (MNDOT MIX #33-261)
TOTAL AREA: 1,685 SQUARE YARDS
- 4" OF SHREDDED HARDWOOD MULCH OVER WEED CONTROL FABRIC. PROVIDE LANDSCAPE EDGING, AS NEEDED, TO HOLD IN THE WOOD MULCH



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**HAWLEY PUBLIC SCHOOLS
MIDDLE SCHOOL**

LANDSCAPE PLAN

Project No.: 12226178
Date: 02/01/2024

C602

