

- GENERAL PLAN NOTES**
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPAL CODES, ORDINANCES, STANDARDS AND SPECIFICATIONS.
 2. THE MUNICIPALITY SHALL HAVE THE RIGHT, BUT NOT THE DUTY, TO REPLACE OR MAINTAIN ANY DRAINAGE FACILITIES SHOWN WITHIN THE EASEMENTS(S) PROVIDED ON THE LOT(S) AT THE LOT OWNER'S EXPENSE. ALL DRAINAGE EASEMENTS SHALL REMAIN FREE AND CLEAR OF ALL IMPEDIMENTS INCLUDING, BUT NOT LIMITED TO, TREES, FENCES, TREES, SHRUBS, OR OTHER PLANTINGS OR STRUCTURES. NO REGRADING WITHOUT THE PRIOR WRITTEN PERMISSION OF THE MUNICIPALITY SHALL BE PERMITTED. REPRESENTATIVES OF THE MUNICIPALITY SHALL HAVE THE RIGHT TO INSPECT THE DRAINAGE FACILITIES LOCATED ON THE LOT(S) FROM TIME TO TIME AS DEEMED NECESSARY.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEBRIS AND EXCESS MATERIAL FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS AT A LEGAL, OFF-SITE LOCATION.
 4. SOIL EXCAVATION, REMOVAL OF SOILS AND PLACEMENT OF SOIL FILL IS BASED ON THE ASSUMPTION THAT SOILS AND ASSOCIATED MATERIALS ARE FREE OF CONTAMINANTS AND HAZARDOUS SUBSTANCES. DETERMINATION OF ABSENCE OR PRESENCE OF THESE SUBSTANCES AND CONDITIONS IS NOT WITHIN THE SCOPE OF CIVIL ENGINEERING PERFORMED IN THE CREATION OF THESE PLANS.
 5. THE CONSTRUCTION DETAILS ARE A MINIMUM STANDARD FOR ALL CONSTRUCTION WITHIN THE MUNICIPALITY, AND THAT INCORPORATION OF PORTIONS OR ALL OF THE MUNICIPAL STANDARD CONSTRUCTION DETAILS ON THE PLANS CONSTITUTE AN ACCEPTANCE OF AND ENDORSEMENT OF THOSE STANDARDS BY THE DEVELOPER AND THE DEVELOPER'S ENGINEER.
 6. THE GC SHALL PERFORM ANY/ALL TRAFFIC CONTROLS IN ACCORDANCE WITH MUNICIPAL/PENNDOT REQUIREMENTS.
 7. EXISTING PAVING SHALL BE SAWCUT AS NECESSARY TO RECEIVE NEW PAVING, CURBING, UTILITIES, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY AND PERMANENT PAVEMENT RESTORATION FOR ALL DISTURBANCE WITHIN ANY PUBLIC STREET. PROVIDE FULL DEPTH PAVEMENT REPAIR IN ALL AREAS OF DISTURBANCE TO EXISTING PAVEMENT.
 8. ALL CURB, SIDEWALK, AND RAMP CONSTRUCTION SHALL MEET CURRENT ADA REQUIREMENTS. THE GC SHALL PROVIDE AN AS-BUILT SURVEY AND A COMPLETED PENNDOT CS-4401 FORM FOR EACH ADA ACCESS RAMP.
 9. ALL CURBING SHALL END WITH A CURB TAPER (5 FOOT TAPER, TYPICAL), UNLESS TYING INTO SOME OTHER STRUCTURE.
 10. ALL RETAINING WALL DESIGNS SHALL BE SUBMITTED TO THE MUNICIPAL ENGINEER DURING THE SHOP DRAWING APPROVAL PROCESS.
 11. RECREATION AREAS AND ASSOCIATED FACILITIES SHALL BE MAINTAINED BY THE OWNER, AND ANY/ALL PUBLIC USE SHALL BE AT THE OWNER'S DISCRETION.

PAVEMENT MARKINGS	
SYM	DESCRIPTION
①	1" SINGLE WHITE LINE*
②	STRAIGHT ARROW (6' LONG, WHITE) **
③	BLOCK LETTERING (12" TALL, WHITE); "RESERVED"; 6 LOCATIONS *
④	CORNER AREA (8" WHITE LINES @ 48" C-C @ 45°) *

NOTES:

- * PAVEMENT MARKINGS TO BE LATEX, WATERBOURNE EMULSION, LEAD AND CHROMATE FREE, READY MIXED, COMPLYING WITH FS 11-P-1952, TYPE WITH DRYING TIME OF LESS THAN 45 MINUTES, AS DESCRIBED IN PENNDOT PUB. 408, SECTION 964.
- ** HOT THERMOPLASTIC PAVEMENT MARKINGS, AS DESCRIBED IN PENNDOT PUB. 408, SECTION 960, MATERIALS AS PER BULLETIN 15.

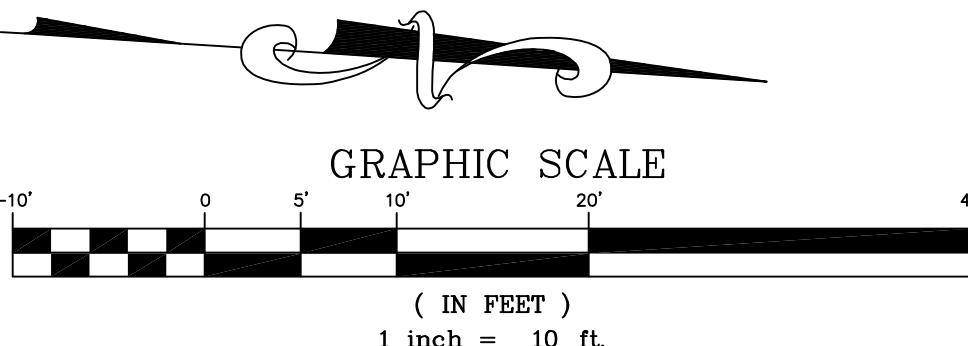
SIGNAGE SCHEDULE			
SYM	MUTCD / PENNDOT SERIES	SIZE	TEXT
①	R1-1	30"x30"	STOP
②	CUSTOM	18"x24"	CHURCH PARKING ONLY
③	K-1969	6"x12"	BILATERAL DIRECTIONAL SIGN

NOTES:

1. ALL SIGNS ARE TO BE FLAT SHEET ALUMINUM.
2. REFERENCE TO PENNDOT 408 SECTION, LATEST EDITION.
3. ALL SIGNS TO BE MOUNTED ON A PENNDOT TYPE B BREAKAWAY POST UNLESS OTHERWISE NOTED.

	LEGEND	
	EXISTING	PROPOSED
BOUNDARY LINE	---	---
ADJOINING LOT LINE	---	---
RIGHT-OF-WAY	---	---
IRON PIN/CONCRETE MONUMENT	⊙ IP ⊙ CONC MON	⊙ IP ⊙ CONC MON
EASEMENT	---	---
FENCE	---	---
SIGNS	---	---
CURBING	---	---
PAVEMENT	---	---
GRAVEL/STONE	---	---
CONCRETE	---	---
BUILDING	---	---
STORM PIPE/INLET/MANHOLE	---	---
SANITARY PIPE/INLET/MANHOLE	---	---
CLEAN OUT	---	---
WATER LINE/HYDRANT/VALVE	---	---
GAS LINE & VALVE	---	---
OVERHEAD ELECTRIC	---	---
UTILITY POLE	---	---
LIGHT POLE	---	---
TREES/SHRUBS	---	---
CONTOUR	---	---
SPOT	---	---
SOILS	---	---

GENERAL PLAN TEXT NOTE:
VERTICAL TEXT INDICATES PROPOSED FEATURES
SLANTED TEXT INDICATES EXISTING FEATURES



NOTE:

*PURSUANT TO THE REQUIREMENTS OF ACT 287 OF 1974 AND AS LAST AMENDED BY ACT 181 OF 2009 THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DEVELOPED FROM EXISTING UTILITY RECORDS AND/OR ABOVE-GROUND EXAMINATIONS OF THE SITE. COMPLETENESS, ACCURACY, LOCATION AND DEPTH OF UNDERGROUND UTILITIES OR STRUCTURES CANNOT BE GUARANTEED. THE CONTRACTORS, AT LEAST THREE (3) DAYS PRIOR TO PERFORMING ANY EXCAVATIONS, SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATIONS AND DEPTHS OF ALL UNDERGROUND FACILITIES LOCATED WITHIN THE VICINITY OF THE WORK SITE IN ACCORDANCE WITH ACT 181. (PA ONE CALL SYSTEM, INC. 1-800-242-1776).

THE SITE SERIAL NUMBERS ARE 20211882852.

CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE - STOP CALL
Pennsylvania One Call System, Inc.
1-800-242-1776

SITE DATA			
OWNER/DEVELOPER: CATHEDRAL CHURCH OF THE NATIVITY 321 WYANDOTTE STREET BETHLEHEM, PA 18015 LEE SNYDER 610-441-8314 LEESNYDER@GMAIL.COM			
OWNER REP: LEE SNYDER			
SITE ADDRESS: 321 WYANDOTTE STREET			
PARCEL ID:	PSW2B 8 13 0204E	DEED:	BOOK:2007-1, PG 031138
AREA:	4,360 SF (0.10 AC)		
PARCEL ID:	PSW2B 8 12 0204E	DEED:	BOOK:2007-1, PG 031138
AREA:	6,534 SF (0.15 AC)		
OWNER: RECTOR WARDENS & VESTRY OF THE CATHEDRAL CHURCH OF NATIVITY			
PARCEL ID:	PSW2B 8 2 0204	DEED:	BOOK:2015-1, PG 100097
AREA:	6,098 SF (0.14 AC)		
PARCEL ID:	PSW2B 8 3 0204	DEED:	BOOK:2015-1, PG 037260
AREA:	2,614 SF (0.06 AC)		
OWNER: EPISCOPAL CHURCH			
PARCEL ID:	PSW2B 8 1 0204E	DEED:	70,132 SF (1.610 AC)
AREA:	70,132 SF (1.610 AC)		
PARCEL ID:	PSW2B 8 1 0204	DEED:	2,140 SF (0.05 AC)
AREA:	2,140 SF (0.05 AC)		
OWNER: RECTOR CHURCH WARDENS & CHURCH OF THE VESTRYMEN			
PARCEL ID:	PSW2B 8 22 0204E	DEED:	BOOK:654, PG 741
AREA:	15,662 SF (0.36 AC)		
TOTAL AREA: 107,560 SF (2.4692 AC)			
WATER: CITY OF BETHLEHEM SEWER: CITY OF BETHLEHEM GAS: UG UTILITIES INC. ELEC: PPL ELECTRIC UTILITIES			
ZONING DATA			
ZONING DISTRICT: CENTRAL BUSINESS (CB) WARD 2, BLOCK 6 EXIST/PROP USE: CHURCH CAMPUS, VACANT WAREHOUSE, ROW HOMES / CHURCH CAMPUS & ROW HOMES			
MIN LOT AREA:	REQD: 0 SF	EXIST. COND: 107,560 SF (2.4692 AC)	PROP. COND: 106,718 SF (2.4499 AC)
MIN LOT WIDTH:	0'	>0'	>0'
MIN BLDG SETBACKS:			
FRONT YARD:	0'	>0'	>0'
SIDE YARD (EACH):	0'	0'	0'
REAR YARD:	0'	>0'	>0'
MAX BLDG HEIGHT/STORIES:	150'	<150'	<150'
MAX BLDG COVERAGE:	100%	24.19% (26,000 SF)	20.26% (21,620 SF)
MAX IMP COVERAGE:	100%	64.75% (69,647 SF)	66.16% (70,604 SF)

SKETCH PLAN

CATHEDRAL CHURCH OF THE NATIVITY

CATHEDRAL CHURCH OF THE NATIVITY

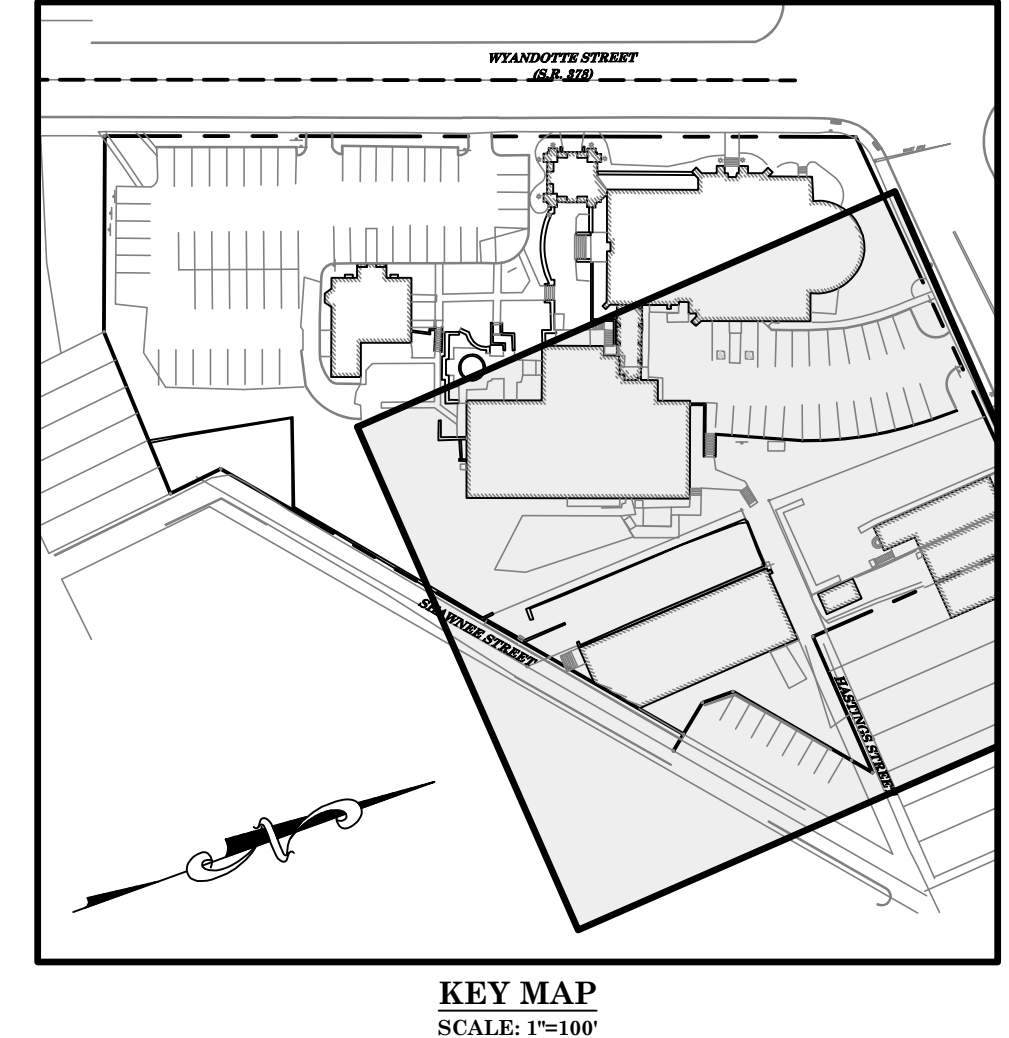
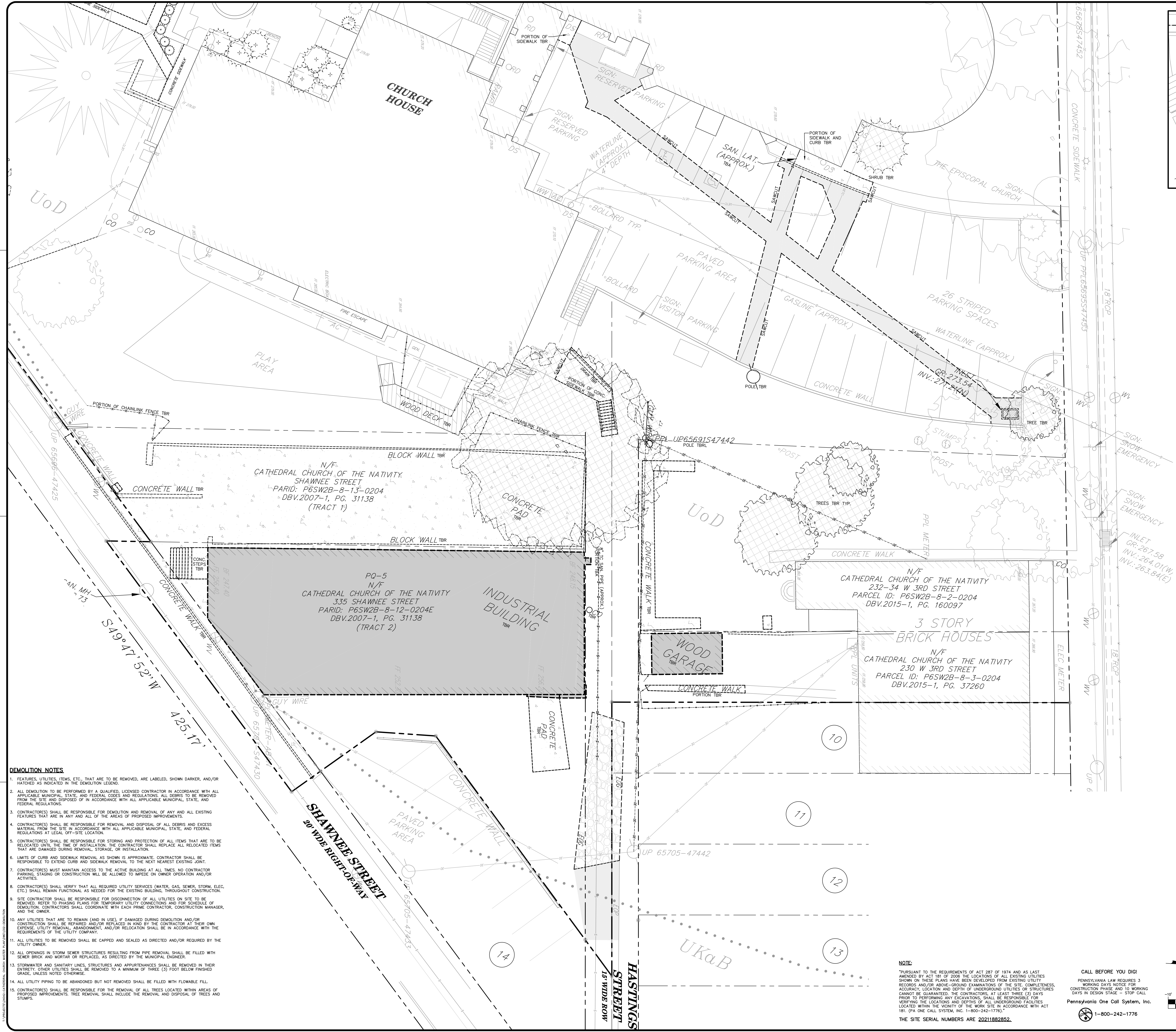
321 WYANDOTTE STREET BETHLEHEM, PA 18015

CITY OF BETHLEHEM NORTHAMPTON COUNTY PENNSYLVANIA



SHAWNEE LOT SITE PLAN

DATE: 05/29/2025
SCALE: 1"=10'
PROJECT NO.: 24042
DRWN: SLF CHKD: TPD
C1.0
SHEET 1 of 7



SKETCH PLAN

CATHEDRAL CHURCH OF THE NATIVITY
CATHEDRAL CHURCH OF THE NATIVITY
321 WYANDOTTE STREET
CITY OF BETHLEHEM
NORTHAMPTON COUNTY
PENNSYLVANIA

terraform
Engineering, LLC
ONE EAST BROAD STREET, SUITE 300
BETHLEHEM, PA 18015
PHONE: 610-481-1000
WWW.TERRAFORMENGINEERING.COM

SHAWNEE
LOT
DEMOLITION
PLAN

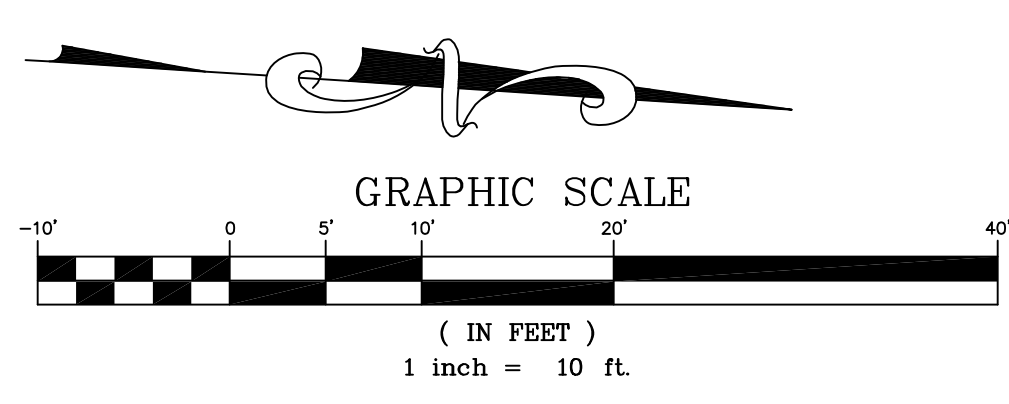
DATE: 05/29/2025
SCALE: 1"=10'
PROJECT NO.: 24042
DRAWN: SLF CHKD: TPD
C3.0
SHEET 3 of 7

- DEMOLITION NOTES**
1. FEATURES, UTILITIES, ITEMS, ETC., THAT ARE TO BE REMOVED, ARE LABELED, SHOWN DARKER, AND/OR HATCHED AS INDICATED IN THE DEMOLITION LEGEND.
 2. ALL DEMOLITION TO BE PERFORMED BY A QUALIFIED, LICENSED CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND FEDERAL CODES AND REGULATIONS. ALL DEBRIS TO BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS.
 3. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR DEMOLITION AND REMOVAL OF ANY AND ALL EXISTING FEATURES THAT ARE IN ANY AND ALL OF THE AREAS OF PROPOSED IMPROVEMENTS.
 4. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEBRIS AND EXCESS MATERIAL FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND FEDERAL REGULATIONS AT LEGAL OFF-SITE LOCATION.
 5. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR STORING AND PROTECTION OF ALL ITEMS THAT ARE TO BE RELOCATED UNTIL THE TIME OF INSTALLATION. THE CONTRACTOR SHALL REPLACE ALL RELOCATED ITEMS THAT ARE DAMAGED DURING REMOVAL, STORAGE, OR INSTALLATION.
 6. LIMITS OF CURB AND SIDEWALK REMOVAL AS SHOWN IS APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE TO EXTEND CURB AND SIDEWALK REMOVAL TO THE NEXT NEAREST EXISTING JOINT.
 7. CONTRACTOR(S) MUST MAINTAIN ACCESS TO THE ACTIVE BUILDING AT ALL TIMES. NO CONTRACTOR PARKING, STAGING OR CONSTRUCTION WILL BE ALLOWED TO IMPEDE ON OWNER OPERATION AND/OR ACTIVITIES.
 8. CONTRACTOR(S) SHALL VERIFY THAT ALL REQUIRED UTILITY SERVICES (WATER, GAS, SEWER, STORM, ELEC, ETC.) SHALL REMAIN FUNCTIONAL AS NEEDED FOR THE EXISTING BUILDING, THROUGHOUT CONSTRUCTION.
 9. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION OF ALL UTILITIES ON SITE TO BE REMOVED. REFER TO PHASING PLANS FOR TEMPORARY UTILITY CONNECTIONS AND FOR SCHEDULE OF DEMOLITION. CONTRACTORS SHALL COORDINATE WITH EACH PRIME CONTRACTOR, CONSTRUCTION MANAGER, AND THE OWNER.
 10. ANY UTILITIES THAT ARE TO REMAIN (AND IN USE), IF DAMAGED DURING DEMOLITION AND/OR CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED IN KIND BY THE CONTRACTOR AT THEIR OWN EXPENSE. UTILITY REMOVAL, ABANDONMENT, AND/OR RELOCATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY.
 11. ALL UTILITIES TO BE REMOVED SHALL BE CAPPED AND SEALED AS DIRECTED AND/OR REQUIRED BY THE UTILITY OWNER.
 12. ALL OPENINGS IN STORM SEWER STRUCTURES RESULTING FROM PIPE REMOVAL SHALL BE FILLED WITH SEWER BRICK AND MORTAR OR REPLACED, AS DIRECTED BY THE MUNICIPAL ENGINEER.
 13. STORMWATER AND SANITARY LINES, STRUCTURES AND APPURTENANCES SHALL BE REMOVED IN THEIR ENTIRETY. OTHER UTILITIES SHALL BE REMOVED TO A MINIMUM OF THREE (3) FOOT BELOW FINISHED GRADE, UNLESS NOTED OTHERWISE.
 14. ALL UTILITY PIPING TO BE ABANDONED BUT NOT REMOVED SHALL BE FILLED WITH FLOWABLE FILL.
 15. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TREES LOCATED WITHIN AREAS OF PROPOSED IMPROVEMENTS. TREE REMOVAL SHALL INCLUDE THE REMOVAL AND DISPOSAL OF TREES AND STUMPS.

- DEMOLITION LEGEND**
- CONC./WOOD SIDEWALK DEMO
 - DEBRIS/JUNK AREA DEMO
 - TREE/SHRUB DEMO
 - TREE PROTECTION FENCE
 - TO BE REMOVED
 - TO BE REMOVED & RELOCATED
 - INLET PROTECTION
 - CONCRETE WASHOUT
 - 12" COMPOST SOCK

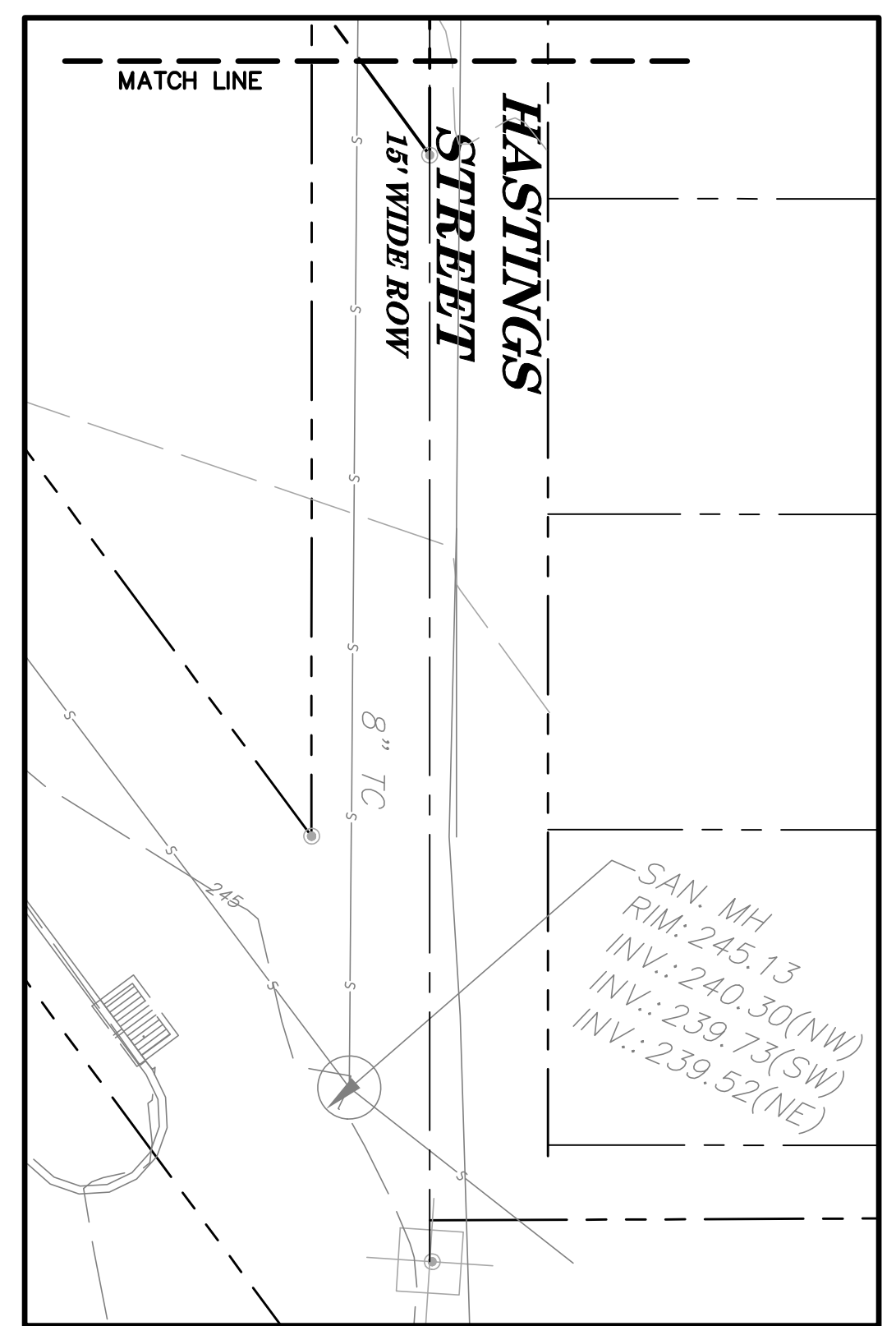
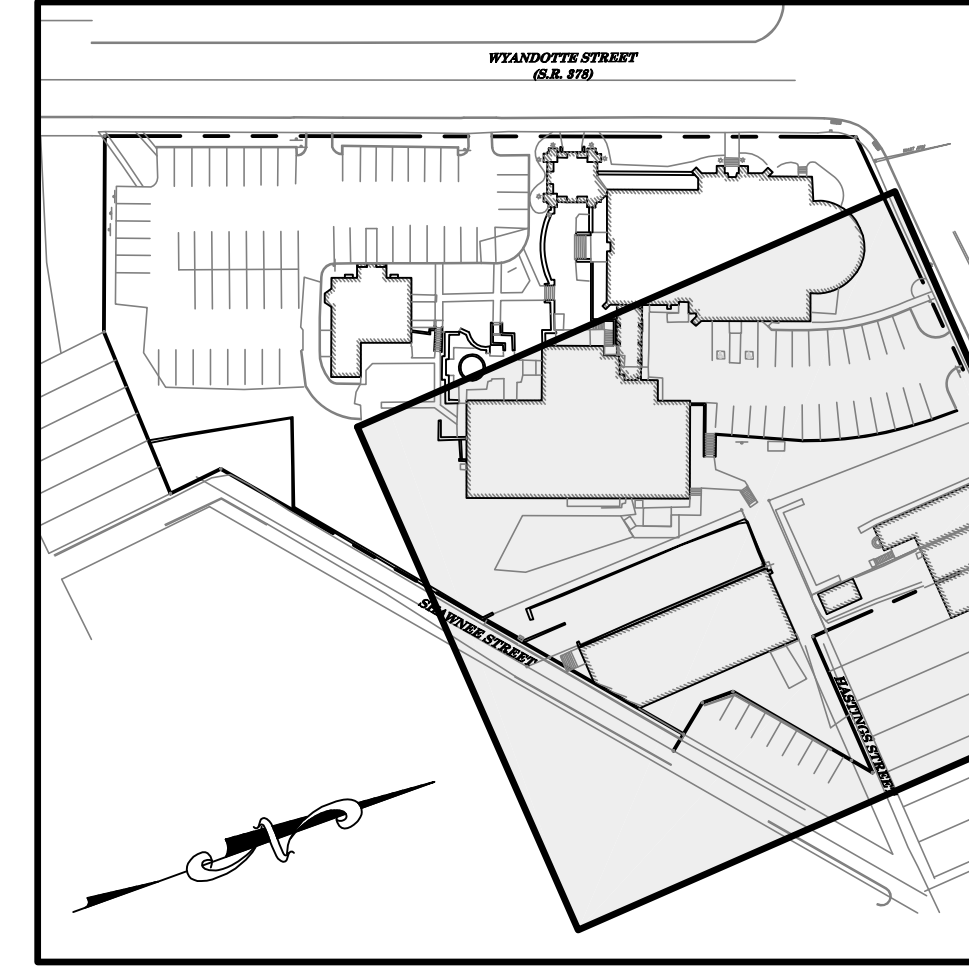
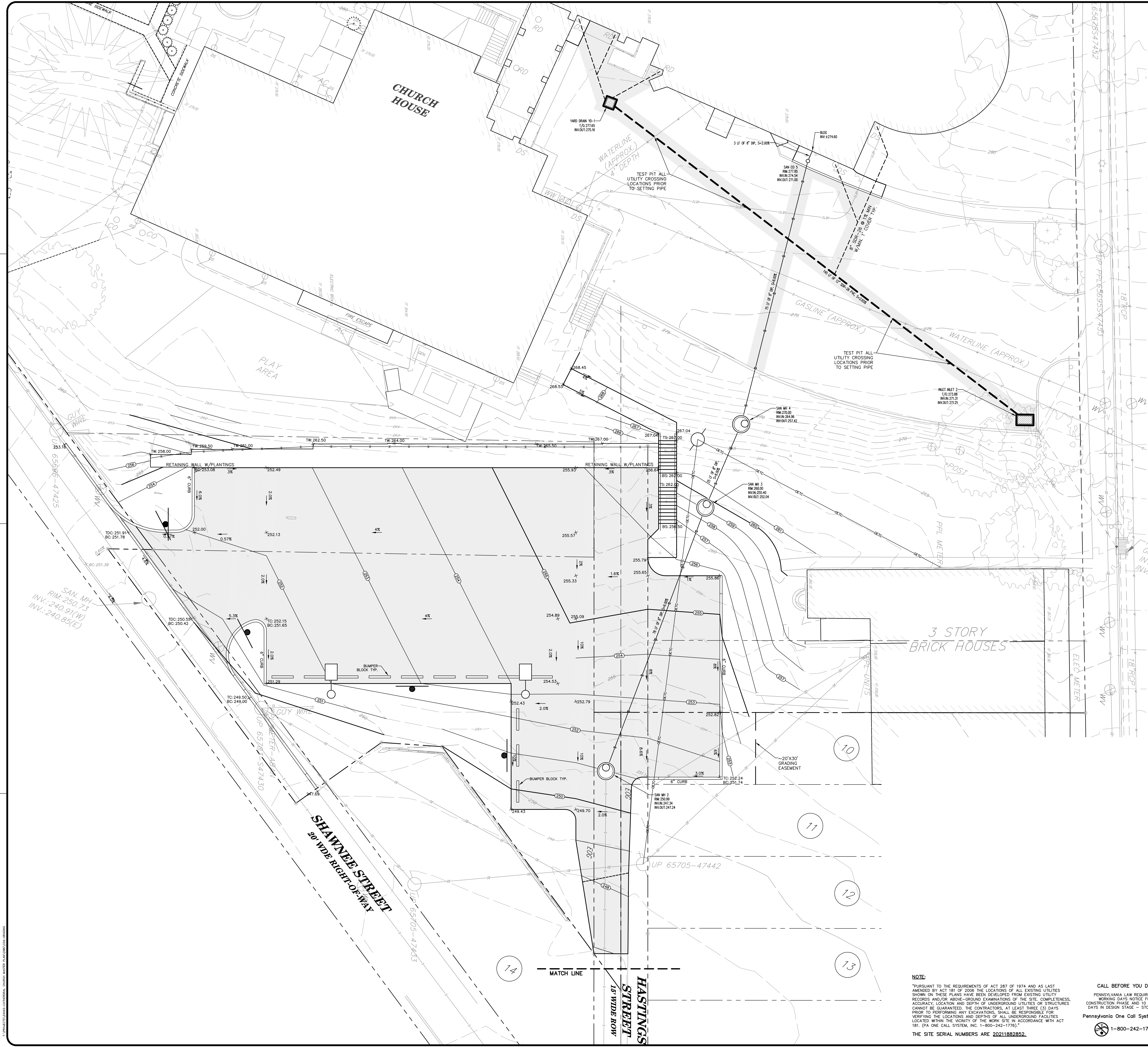
- LEGEND**
- BOUNDARY LINE
 - ADJOINING LOT LINE
 - RIGHT-OF-WAY
 - IRON PIN/CONCRETE MONUMENT
 - BUILDING RESTRICTION LINE
 - EASEMENT
 - FENCE
 - SIGN
 - CURBING
 - BUILDING
 - STORM PIPE/INLET/MANHOLE
 - SANITARY PIPE/MANHOLE/CLEAN OUT
 - WATER LINE/HYDRANT/VALVE
 - GAS LINE & VALVE
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - UTILITY POLE
 - LIGHT POLE
 - TREES/SHRUBS

GENERAL PLAN TEXT NOTE:
HATCHED TEXT INDICATES PROPOSED FEATURES
ITEMS TO BE REMOVED OR REPLACED SHOWN DARKER



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THE SITE SERIAL NUMBERS ARE 20211882852.

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Pennsylvania One Call System, Inc.
1-800-242-1776

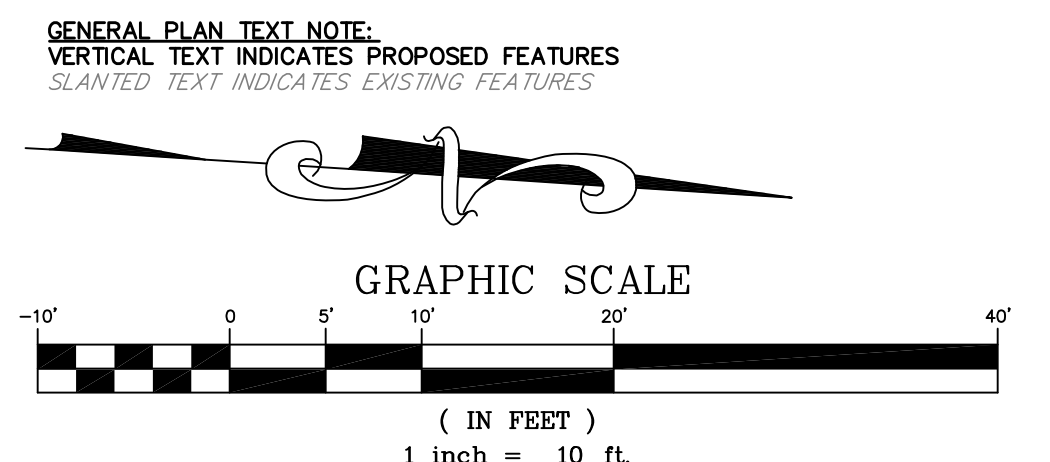


LEGEND	
EXISTING	PROPOSED
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ADJOINING LOT LINE	
RIGHT-OF-WAY	
IRON PIN/CONCRETE MONUMENT	
EASEMENT	
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SKETCH PLAN

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321 WYANDOTTE STREET
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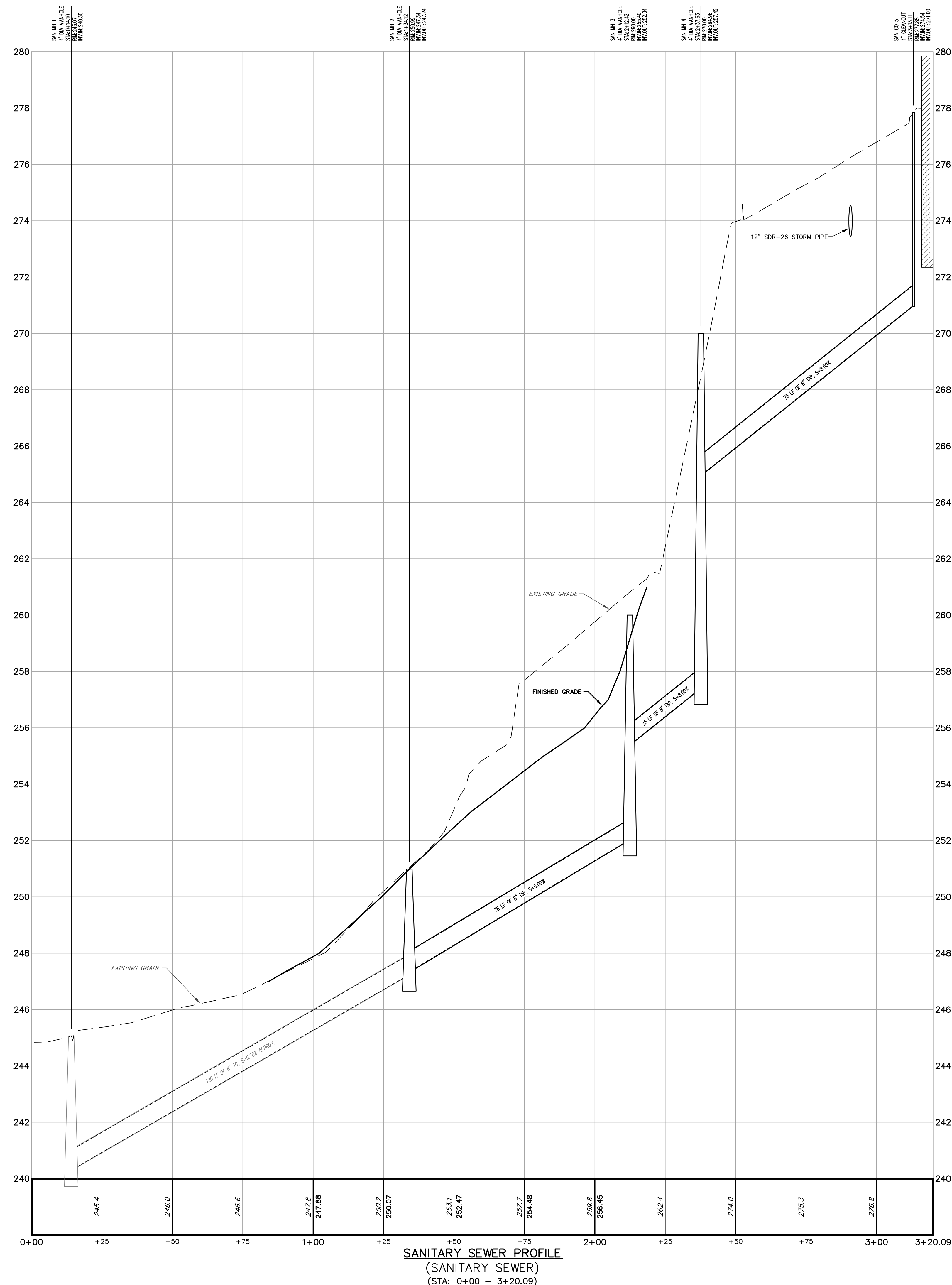
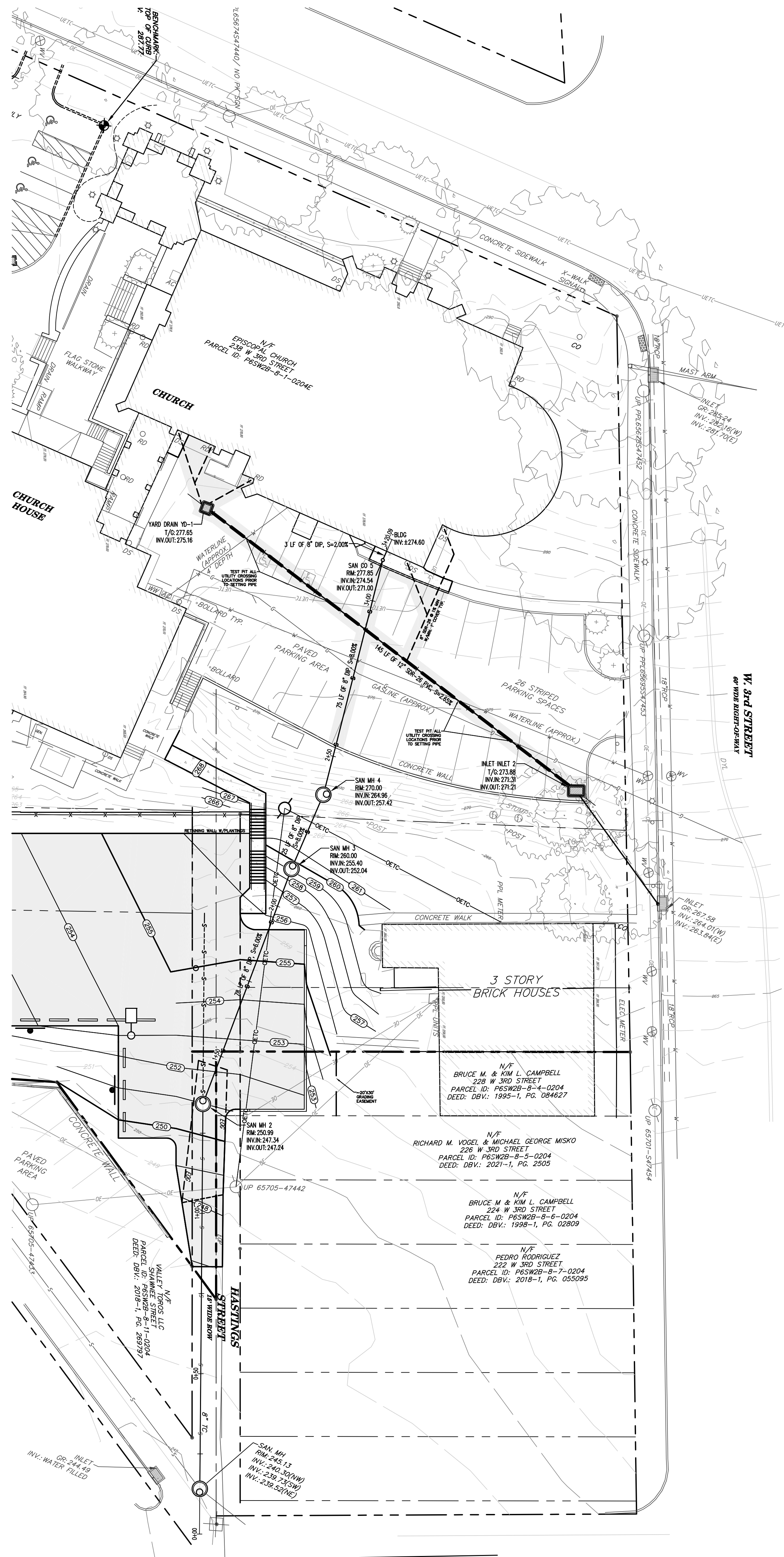
SHAWNEE
LOT
GRADING &
UTILITY
PLAN

DATE: 05/29/2025
PROJECT NO.: 24042
DRAWN: SLF CHKD: TPD

C4.0
SHEET 4 of 7

3/10/2025 10:00 AM C:\PROJECTS\2025\SHAWNEE LOT SANITARY SEWER PROFILE\DWG\202511882852.DWG

LEGEND	
EXISTING	PROPOSED
BOUNDARY LINE	
ADJOINING LOT LINE	
RIGHT-OF-WAY	
IRON PIN/CONCRETE MONUMENT	
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TREES/SHRUBS	
CONTOUR	
SPOT	



EXISTING UTILITIES AS SHOWN ARE AT APPROXIMATE LOCATIONS AND ELEVATIONS. THE CONTRACTOR(S) IS(ARE) TO VERIFY THEIR LOCATIONS AND NOTIFY THE ENGINEER OF ANY POTENTIAL DESIGN CONFLICTS PRIOR TO THE CONSTRUCTION OF PROPOSED UTILITIES.

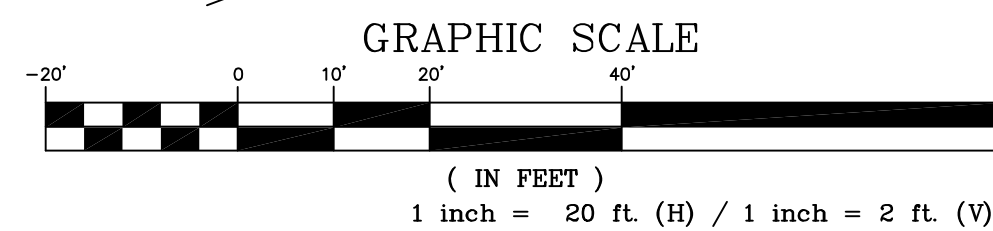
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CATHEDRAL CHURCH OF THE NATIVITY

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321 WYANDOTTE STREET BETHLEHEM, PA 18015

CITY OF BETHLEHEM NORTHAMPTON COUNTY PENNSYLVANIA

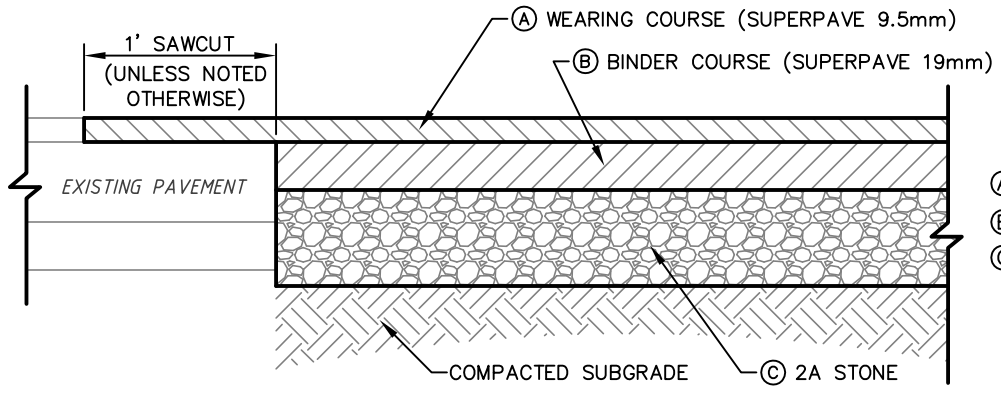


SHAWNEE
LOT
SANITARY
SEWER
PROFILE

DATE: 05/29/2025
SCALE: 1"=20'
PROJECT NO.: 24042
DRAWN: SLF CHKD: TPD

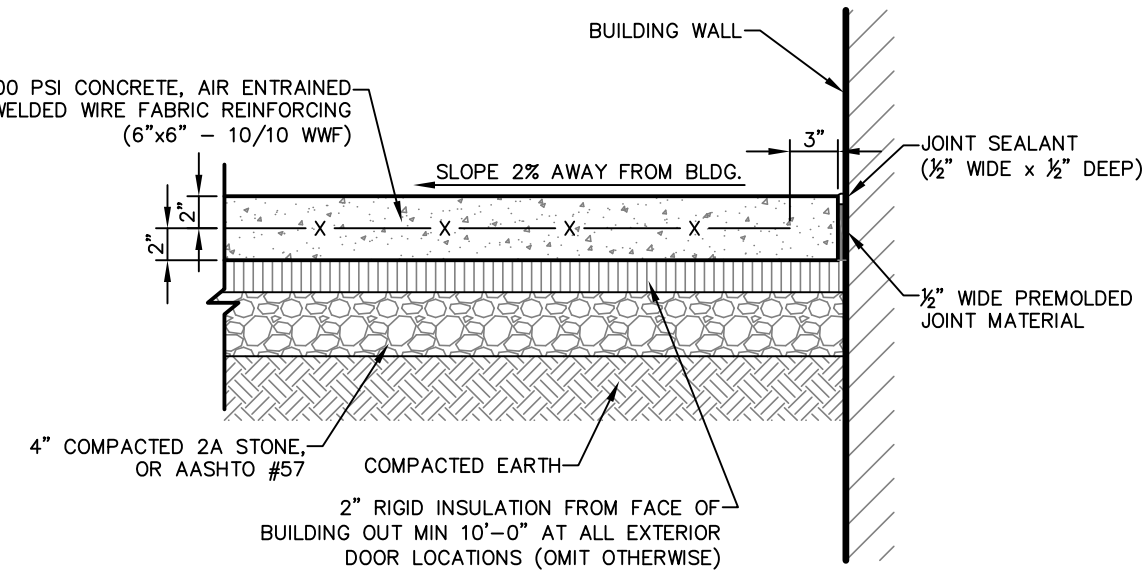
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SHEET 5 of 7



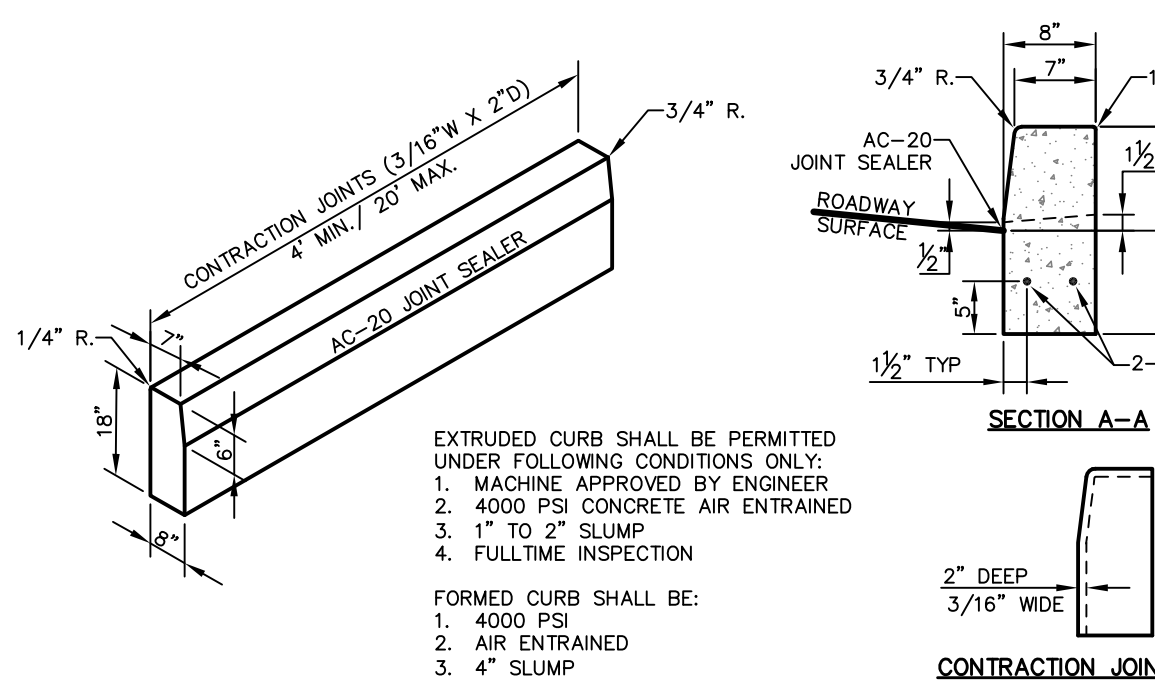
- NOTES:
1. ALL PAVING IS TO BE CONSTRUCTED IN ACCORDANCE WITH PENN DOT PUBLICATION 408, CURRENT EDITION.
 2. COMPACTION REQUIREMENT OF 95% DRY WEIGHT DENSITY FOR THE STONE COURSE.
 3. PAVEMENT AND STONE DEPTHS SHOWN SHALL REFLECT MINIMUM THICKNESS AFTER COMPACTION.

TYPICAL FULL-DEPTH PAVING SECTION
N.T.S.



- NOTES:
1. REFER TO THE PROJECT SPECIFICATIONS FOR THE SIDEWALK MATERIALS AND CONSTRUCTION.
 2. SLOPE OR GRADE FROM THE PROPERTY LINE TO THE CURB SHALL NOT BE LESS THAN 1/4 INCH TO THE FOOT AND NOT MORE THAN 1/2 INCH TO THE FOOT.
 3. BED FOR CONCRETE SIDEWALKS SHALL BE THOROUGHLY COMPACTED BY TAMPING. CUT JOINTS SHALL BE MADE EVERY 5 FEET (UNLESS NOTED OTHERWISE ON THE PLANS) AND A SPACE OF 1/4 INCH TO 1/2 INCH LEFT BETWEEN BLOCS AT EVERY SIXTH JOINT AND FILLED WITH PREPARED JOINT FILLER. AT EACH CUT JOINT, AT LEAST ONE HALF OF THE FABRIC WIRES SHALL BE CUT.
 4. LIMITS OF SIDEWALK RECONSTRUCTION SHOWN ON PLANS IS APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE TO EXTEND RECONSTRUCTION TO THE NEAREST EXISTING JOINT. MATCH EXISTING SIDEWALK SCORING PATTERN.

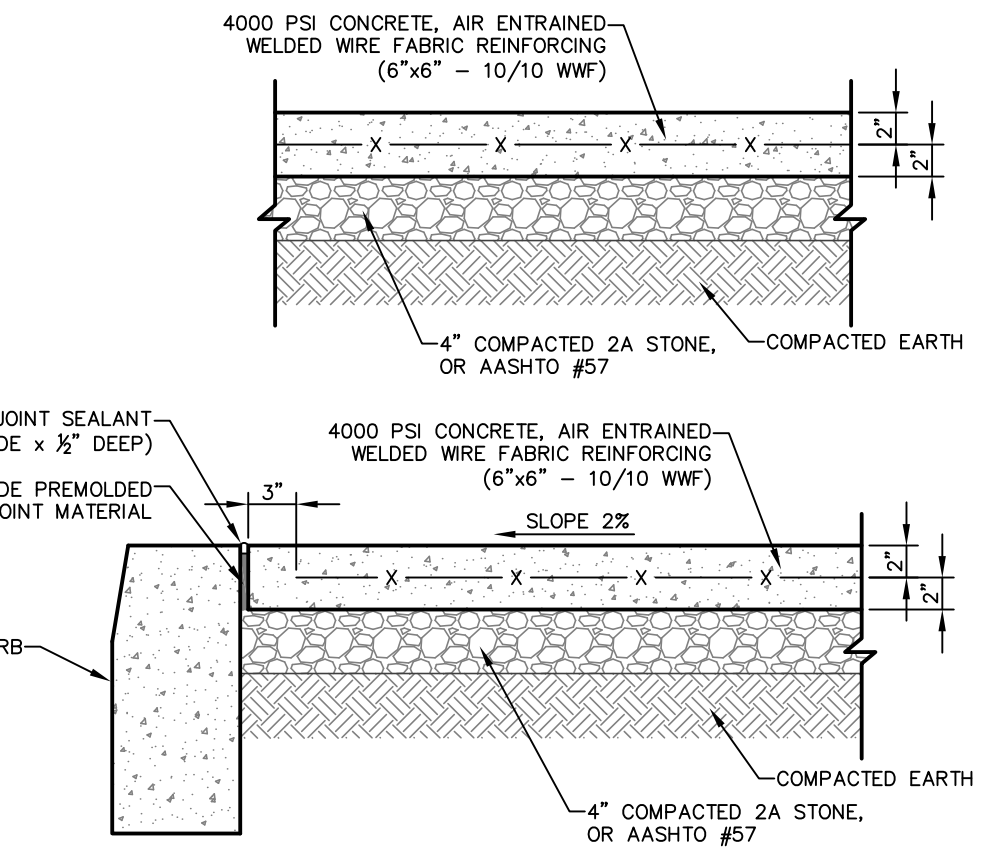
TYPICAL SIDEWALK SECTION
(INSULATION AT BUILDING)
N.T.S.



DEPRESSED CURB
N.T.S.

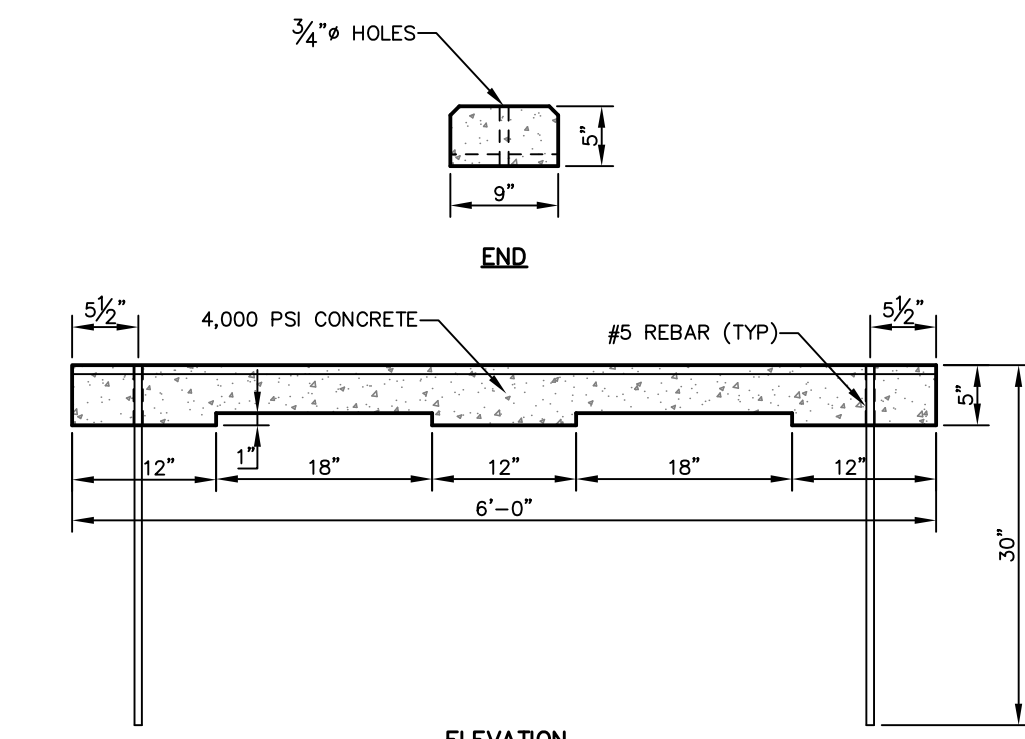
- NOTES:
1. PROVIDE MATERIALS AND CONSTRUCTION MEETING THE REQUIREMENTS OF PUBLICATION 408, SECTION 630 FOR PLAIN CEMENT CONCRETE CURB AND DEPRESSED CURB.
 2. SECTION 640 FOR PLAIN CEMENT CONCRETE GUTTER AND SECTION 641 FOR PLAIN CEMENT CONCRETE CURB GUTTER. PROVIDE 4000 PSI AIR ENTRAINED CONCRETE.
 3. WEATHER PROTECTION AND CURBING COMPOUNDS SHALL BE USED IN ACCORDANCE WITH PENNDOT SPECS. PUB. 408, CURRENT EDITION.
 4. CURB SHALL BE DOWEL PINNED INTO INLETS. USE 2-#8 X 1'-0" DOWEL BARS ON BOTH SIDES OF INLET.
 5. 3/4" PREMOLODED EXPANSION JOINT MATERIAL SHALL BE PLACED AT 30 FOOT MAXIMUM SPACING TO FULL DEPTH OF CURB (40 FOOT MAXIMUM FOR EXTRUDED CURB).
 6. PLACE 3/4" THICK PREMOLODED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
 7. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS OR SECTIONS.
 8. LIMITS OF CURB RECONSTRUCTION SHOWN ON PLANS IS APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE TO EXTEND RECONSTRUCTION TO THE NEAREST EXISTING JOINT.
 9. ALL EXISTING CURB REMOVAL SHALL BE IN COMPLETE SECTIONS (JOINT TO JOINT), NOT PARTIAL SECTIONS.

CONCRETE CURB
N.T.S.

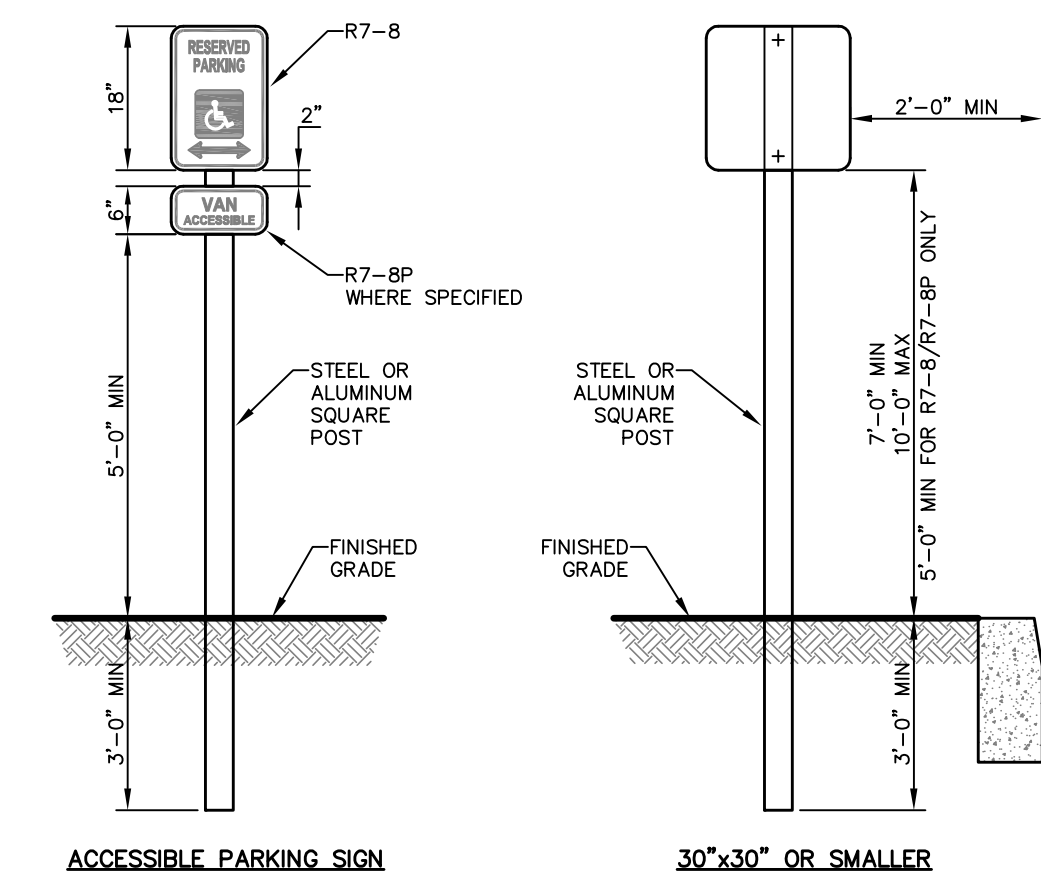


- NOTES:
1. REFER TO THE PROJECT SPECIFICATIONS FOR THE SIDEWALK MATERIALS AND CONSTRUCTION.
 2. SLOPE OR GRADE FROM THE PROPERTY LINE TO THE CURB SHALL NOT BE LESS THAN 1/4 INCH TO THE FOOT AND NOT MORE THAN 1/2 INCH TO THE FOOT.
 3. BED FOR CONCRETE SIDEWALKS SHALL BE THOROUGHLY COMPACTED BY TAMPING. CUT JOINTS SHALL BE MADE EVERY 5 FEET (UNLESS NOTED OTHERWISE ON THE PLANS) AND A SPACE OF 1/4 INCH TO 1/2 INCH LEFT BETWEEN BLOCS AT EVERY SIXTH JOINT AND FILLED WITH PREPARED JOINT FILLER. AT EACH CUT JOINT, AT LEAST ONE HALF OF THE FABRIC WIRES SHALL BE CUT.
 4. LIMITS OF SIDEWALK RECONSTRUCTION SHOWN ON PLANS IS APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE TO EXTEND RECONSTRUCTION TO THE NEAREST EXISTING JOINT. MATCH EXISTING SIDEWALK SCORING PATTERN.

TYPICAL SIDEWALK SECTIONS
N.T.S.

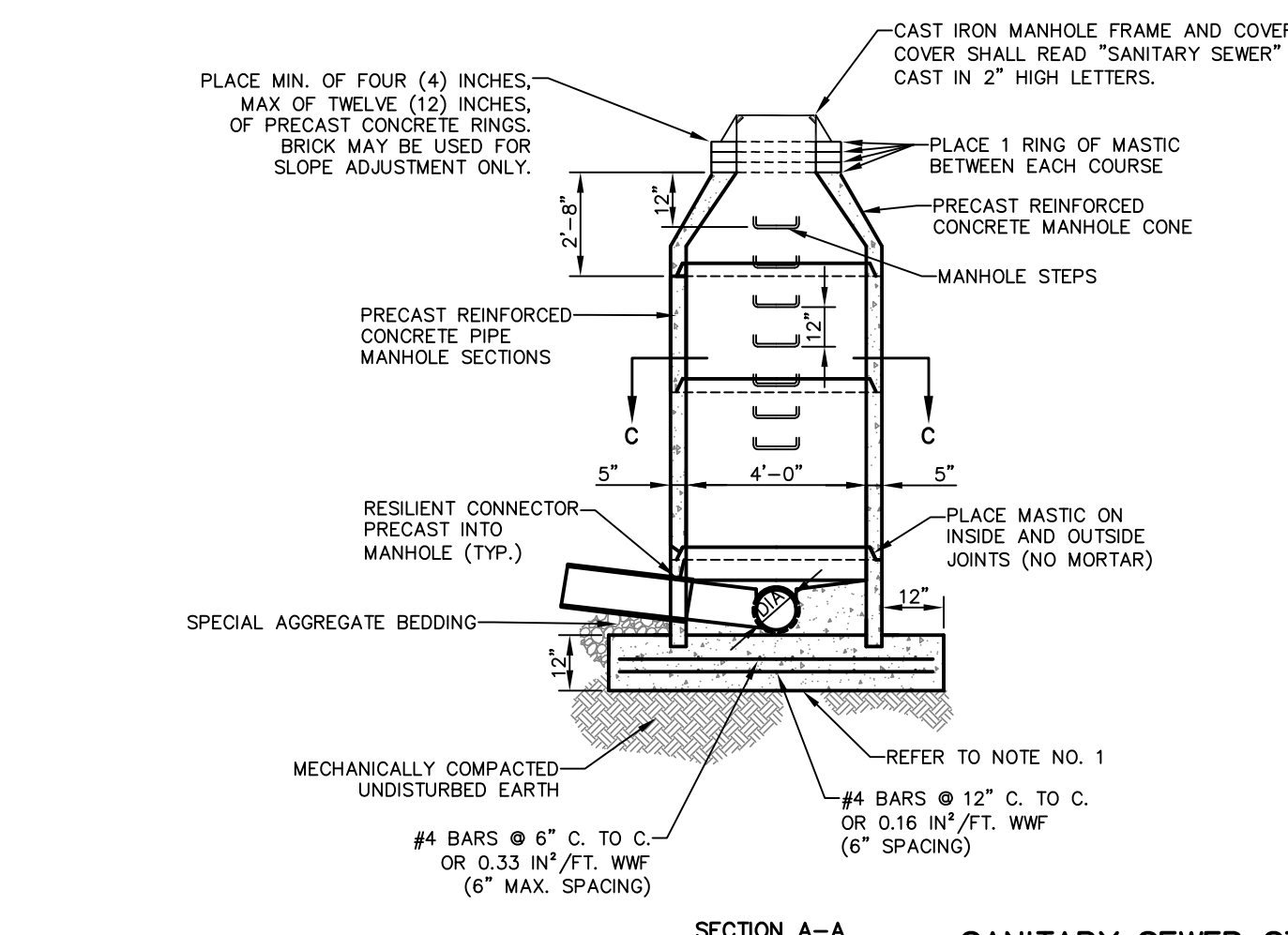


BUMPER BLOCK
N.T.S.



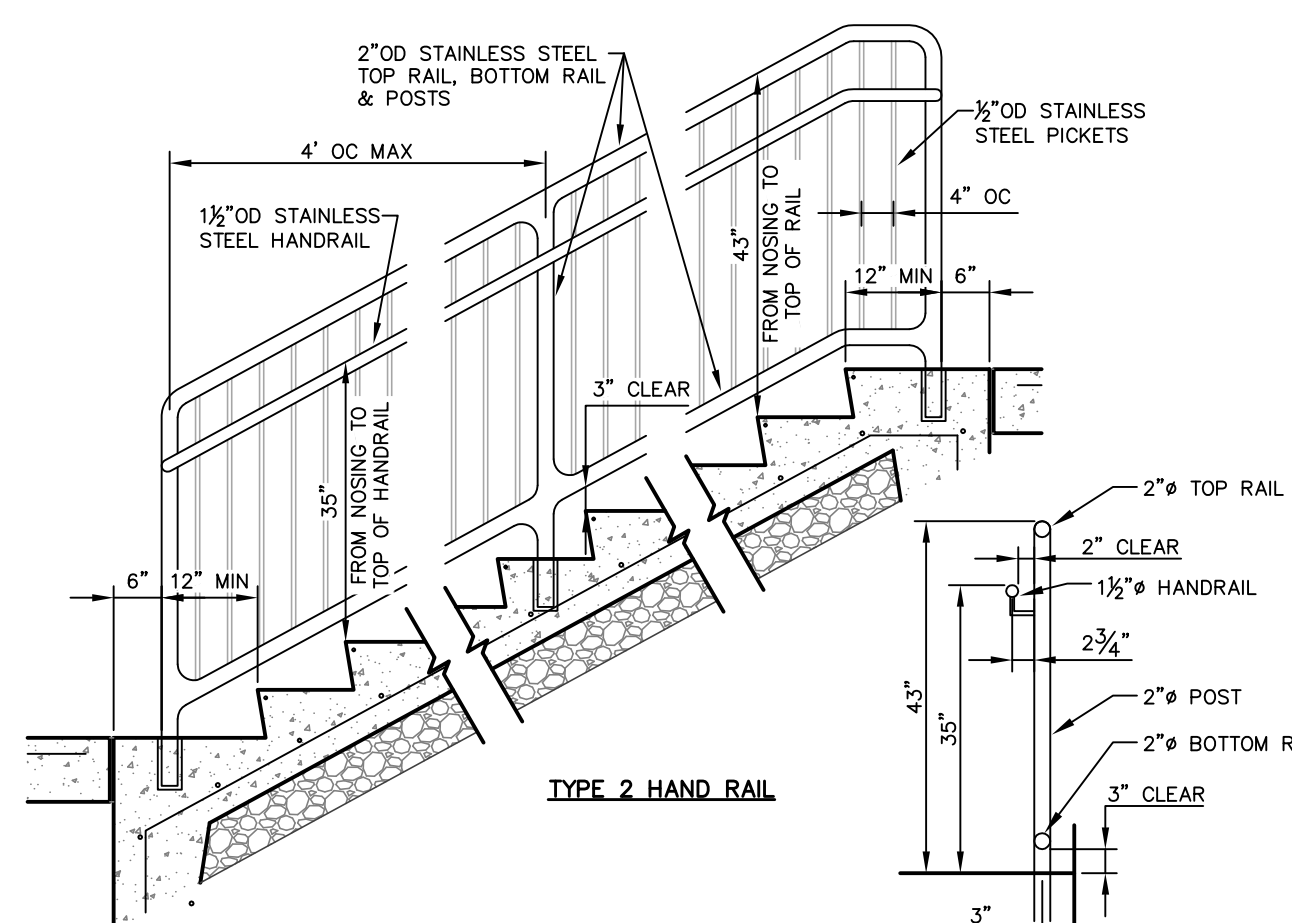
- NOTES:
1. ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR DIRECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
 2. ALL POSTS AND BRACKETS SHALL BE CUT, BENT AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING. GALVANIZING SHALL BE IN CONFORMANCE WITH CURRENT A.S.T.M. SPECIFICATION BY THE ENGINEER.
 3. EXACT LOCATION OF SIGNS TO BE DETERMINED IN THE FIELD.
 4. POSTS MAY BE STEEL OR ALUMINUM. SHALL MEET THE REQUIREMENTS OF PENNDOT PUB 111, 1C-87028, SHEETS 1-3.

POST MOUNTED SIGNS
N.T.S.

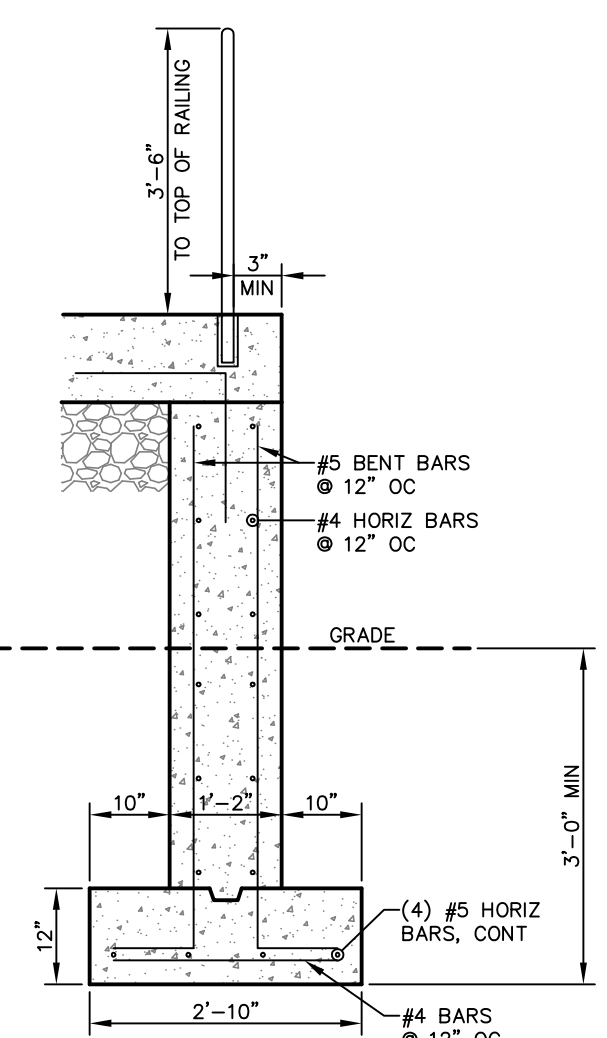


SANITARY SEWER STANDARD PRECAST MANHOLE
N.T.S.

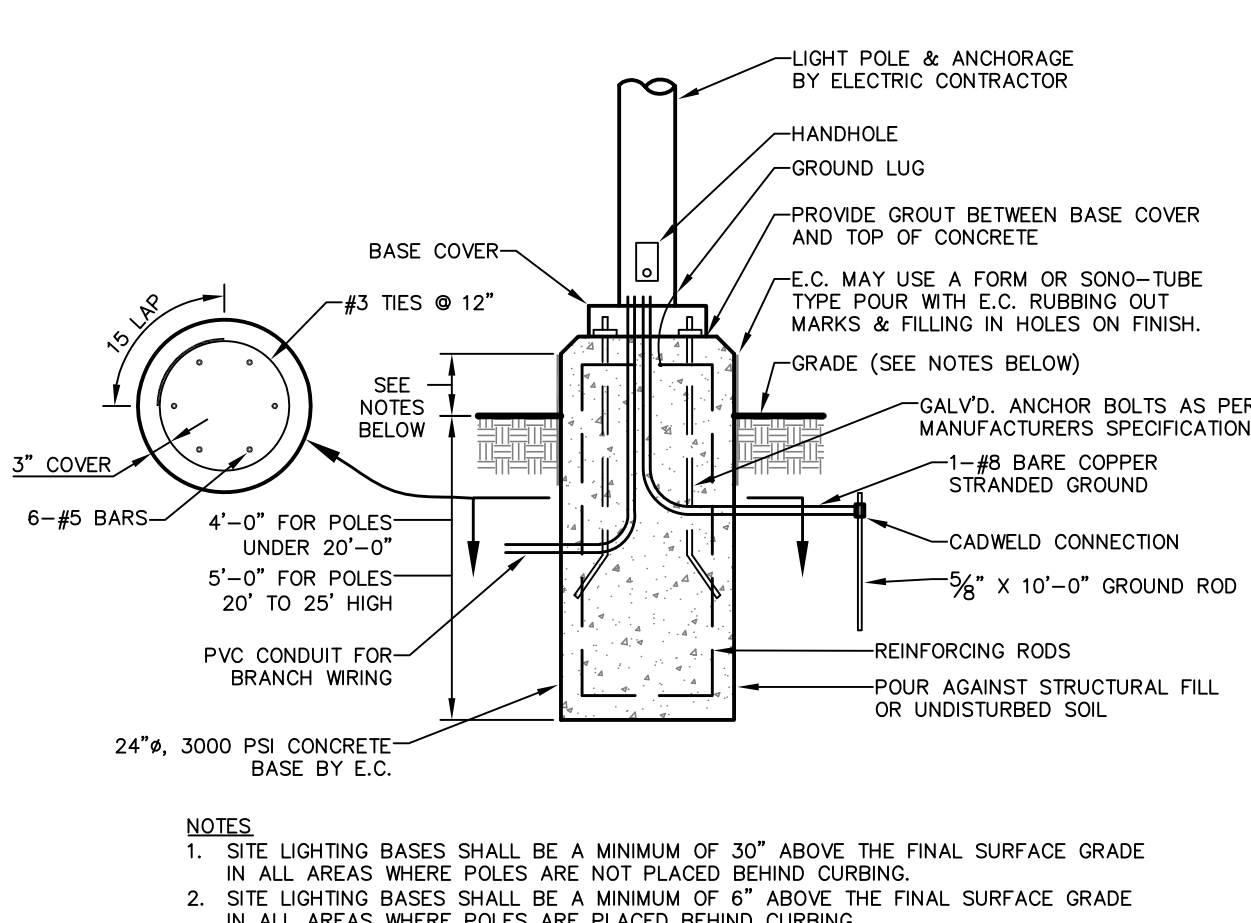
- NOTES:
1. PRECAST BASE MAY BE USED IF PLACED ON A 9 INCH FOUNDATION OF PENNDOT NO. 2A SUBBASE.
 2. PROVIDE FLEXIBLE CASSET IN MACHINED GROOVE IN LID.
 3. PAINT ENTIRE OUTER SURFACE OF MANHOLE WITH ONE (1) COAT OF AN APPROVED BITUMASTIC MATERIAL.
 4. STEPS TO BE INSTALLED IN PLASTIC STEP INSERT COMPATIBLE WITH THE STEP.
 5. STEP AND STEP INSTALLATION SHALL MEET ALL REQUIREMENTS OF ASTM C-478 AND C497 FOR DIMENSIONS, LOAD RATING, AND PULLOUT RESISTANCE.
 6. STEP DIMENSIONS AND CONFIGURATION SHALL BE IN ACCORDANCE WITH PENNDOT STANDARDS, (RC-39).



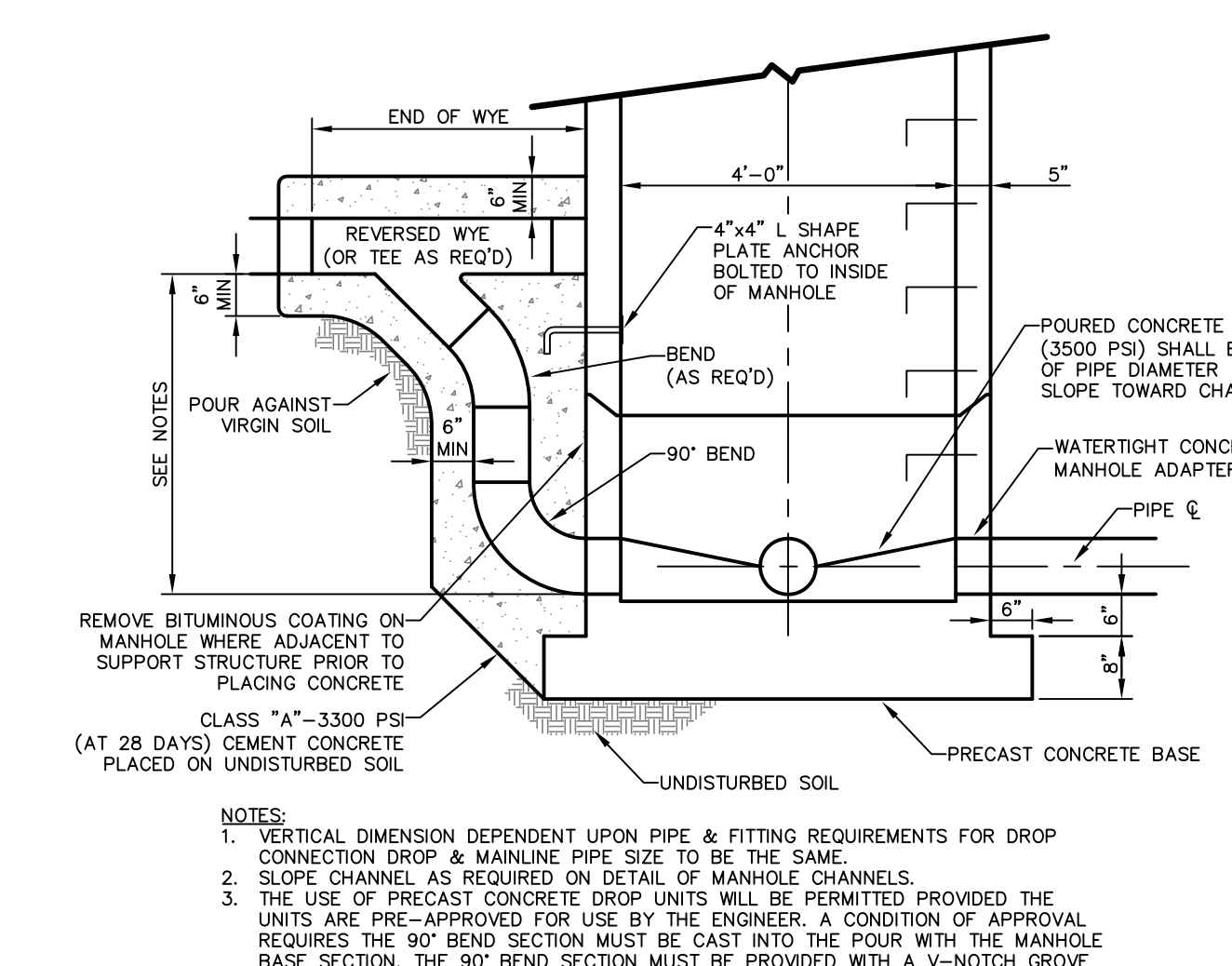
TYPE 2 HAND RAIL



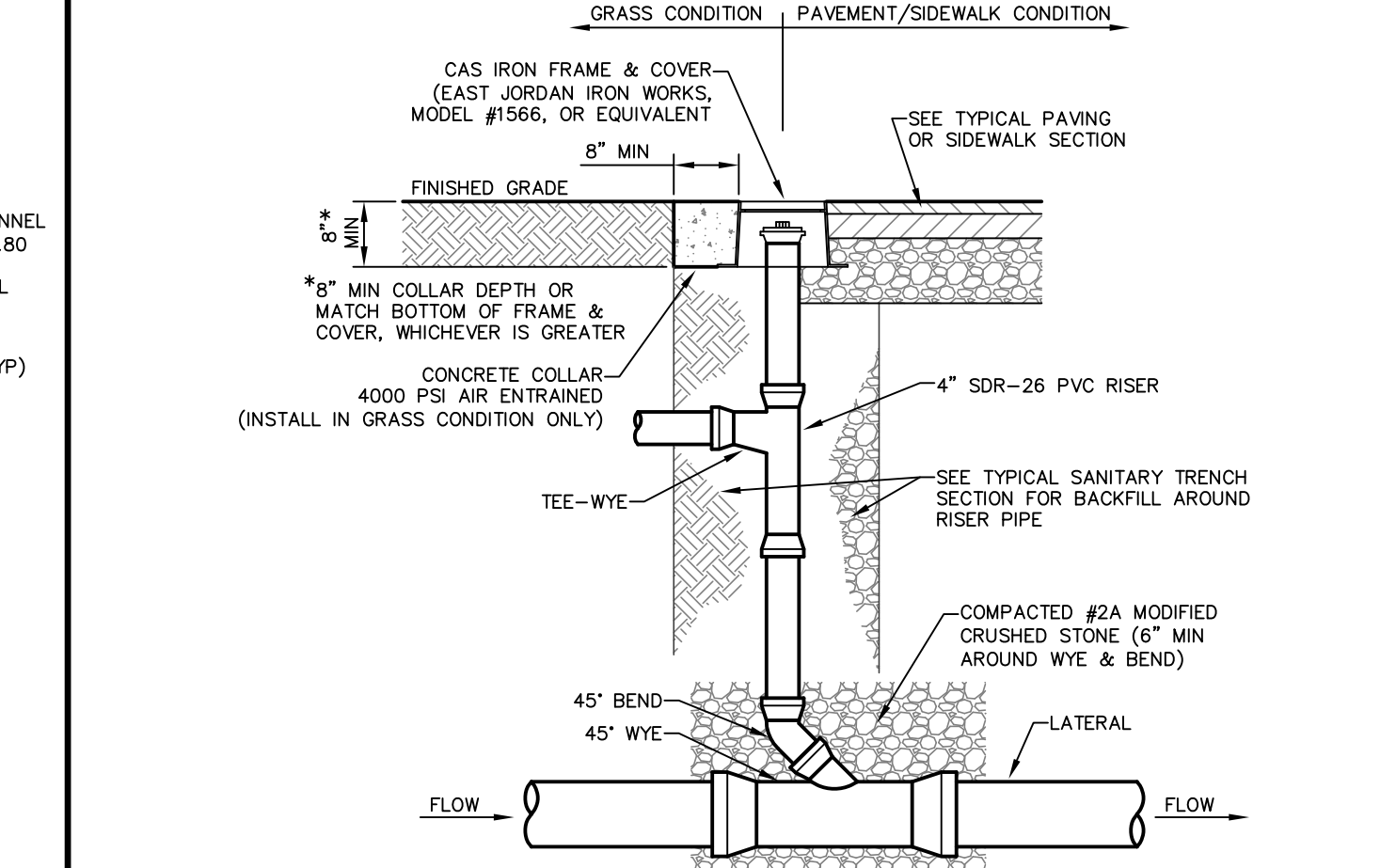
RAMP & STAIR WALL SECTION
N.T.S.



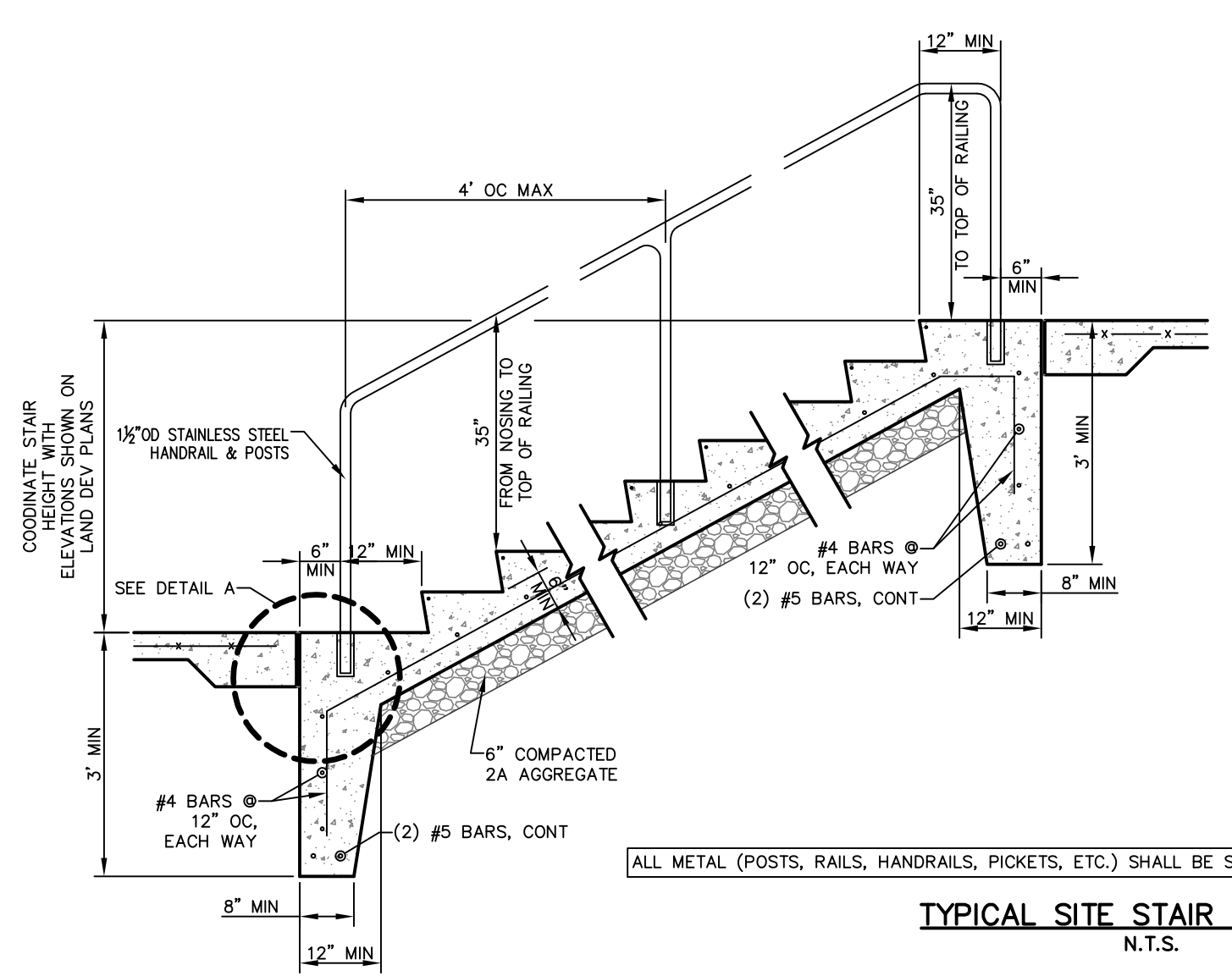
SITE LIGHT BASE
N.T.S.



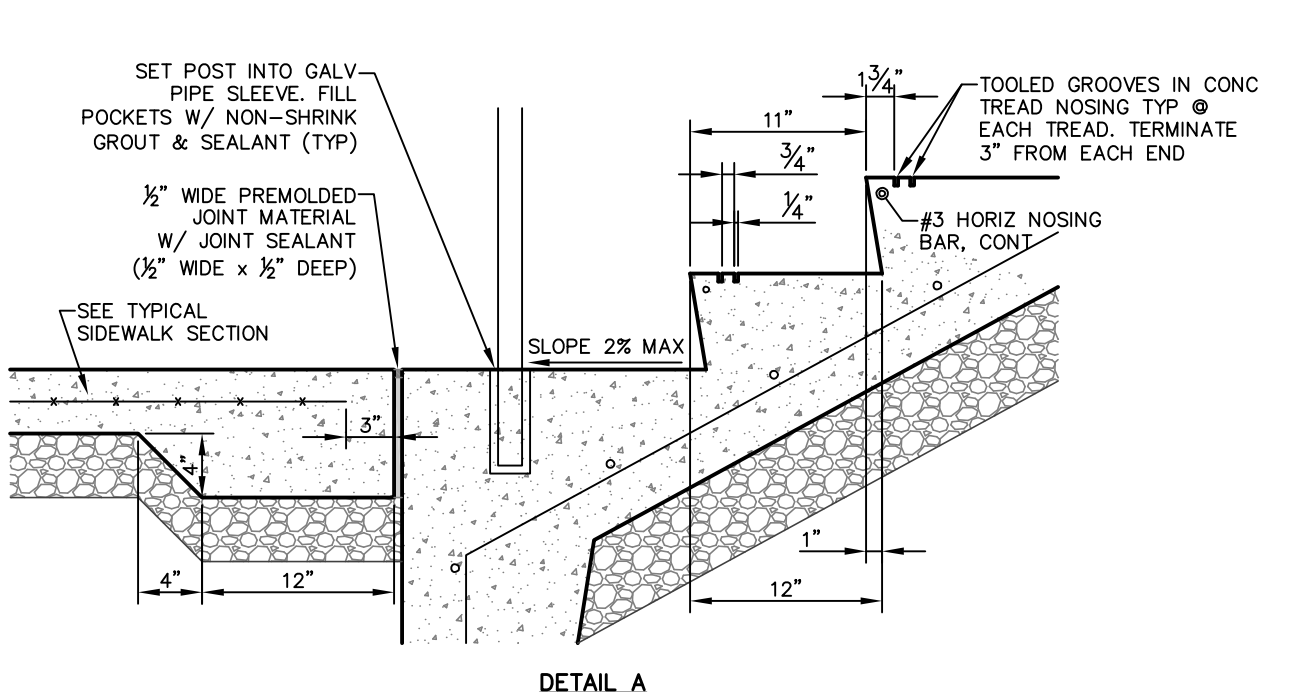
SANITARY DROP MANHOLE
N.T.S.



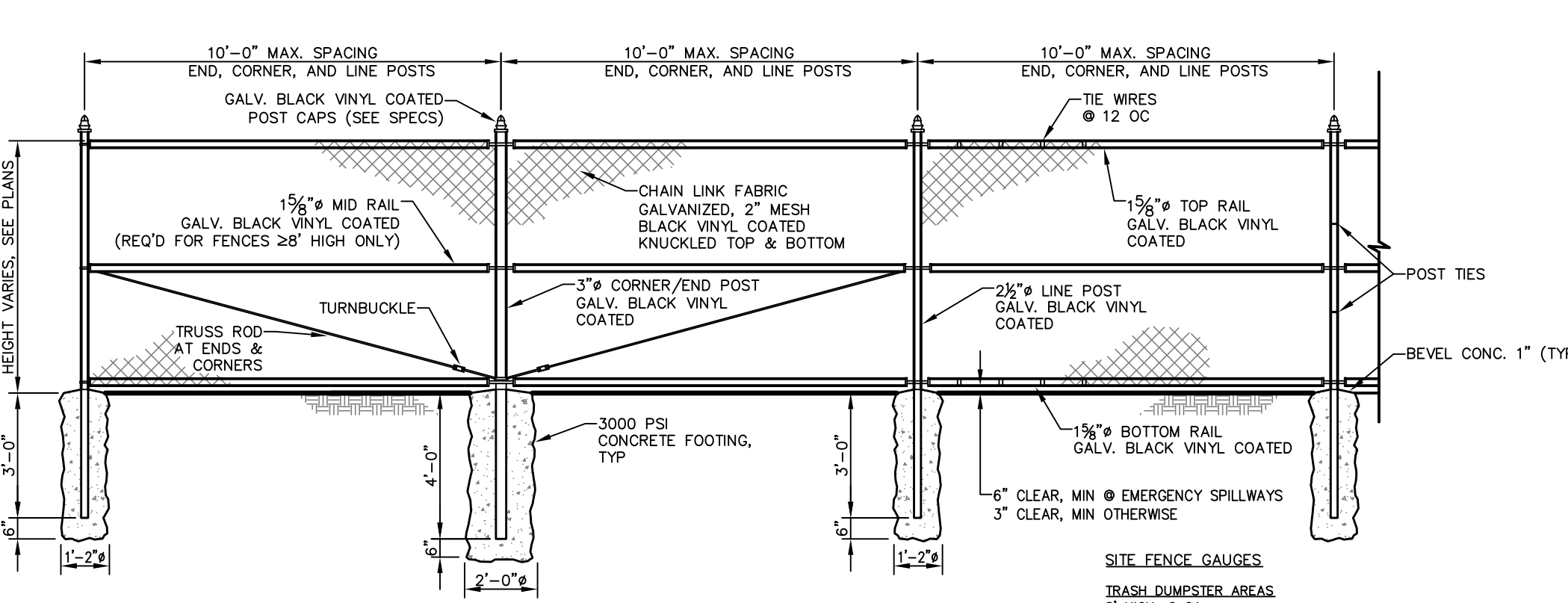
SANITARY DROP CLEAN-OUT
N.T.S.



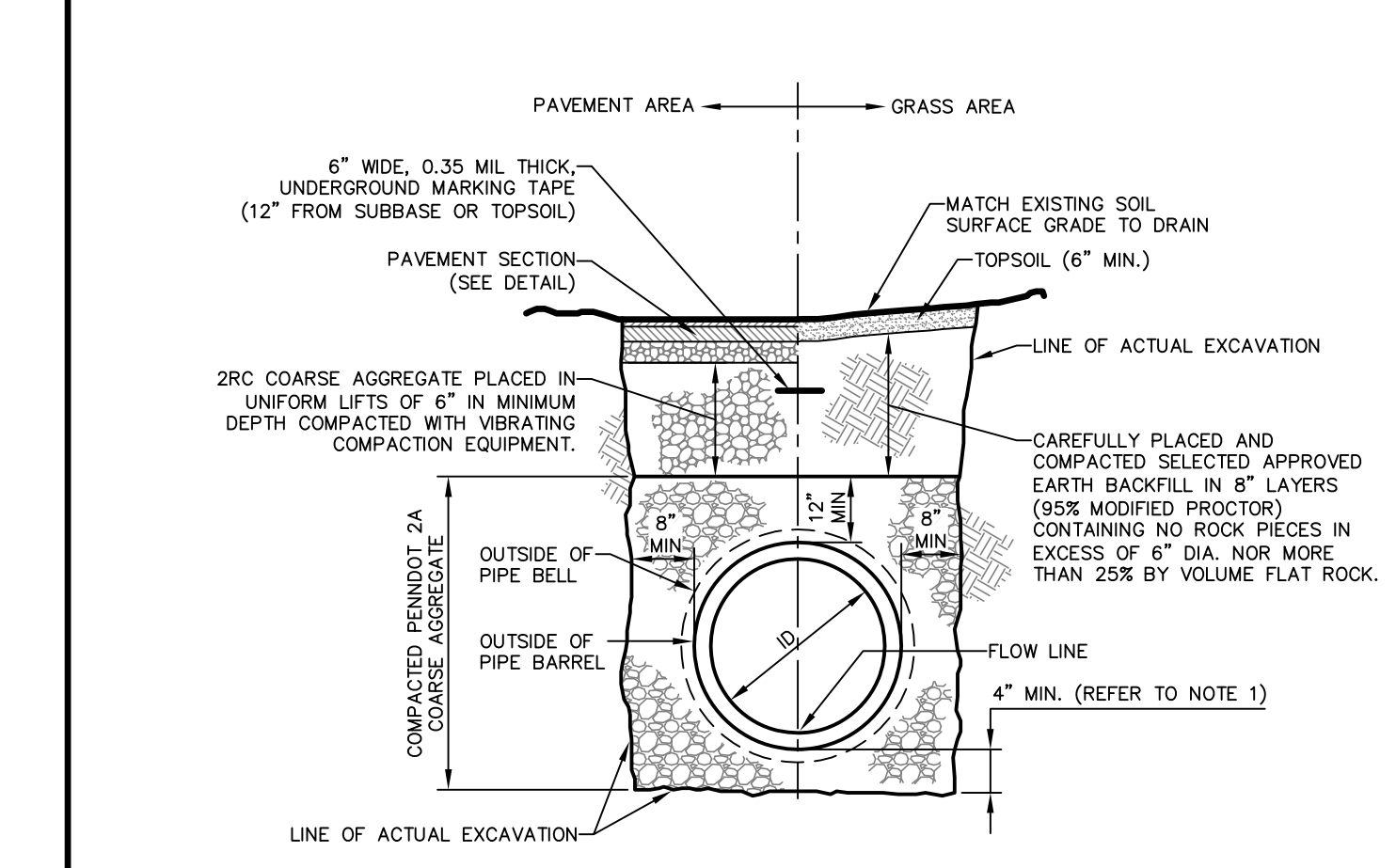
TYPICAL SITE STAIR & RAILING
N.T.S.



- NOTES:
1. ALL CONCRETE TO BE 4000 PSI, AIR ENTRAINED.
 2. SLOPE TREADS AT 2% MAX. TO PREVENT WATER COLLECTION.
 3. ROUND NOSINGS AT NEW RISERS TO A RADIUS OF 3/4" MAX.
 4. PROVIDE 3/4" PREMOLODED JOINT MATERIAL ON SIDES OF STAIR WHERE STAIR IS SET ADJACENT TO A WALL.



CHAIN LINK FENCE
N.T.S.



SANITARY PIPE TRENCH
N.T.S.

SKETCH PLAN

CATHEDRAL CHURCH OF THE NATIVITY

CATHEDRAL CHURCH OF THE NATIVITY

321 WYANDOTTE STREET BETHLEHEM, PA 18015

CITY OF BETHLEHEM

NORTHAMPTON COUNTY

PENNSYLVANIA



ONE EAST BROAD STREET, SUITE 309
BETHLEHEM, PA 18015
PHONE: 610-481-1411
WWW.TERRAFORMENGINEERING.COM

SHAWNEE LOT DETAILS

DATE: 05/29/2025
SCALE: AS NOTED
PROJECT NO.: 24042
DRWN: SLF CHKD: TPD

C6.0

