

GENERAL NOTES

- A. CONTRACTOR SHALL VERIFY GRATE ELEVATIONS OF ALL EXISTING CATCH BASINS, STORM PIPES, ETC. WITHIN PROJECT LIMITS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY ITEMS DAMAGED DURING CONSTRUCTION, INCLUDING PLANT MATERIAL NOT DESIGNATED FOR REMOVAL.
- C. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL UTILITY STANDARDS, LOCAL CODES AND STATE CODES. GENERAL CONTRACTOR TO BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH NEW UTILITY SERVICE INCLUDING WATER, FIRE, IRRIGATION, ELECTRIC, CABLE,
- D. CONTRACTOR SHALL COORDINATE WITH GAS AND WATER COMPANIES TO ADJUST THE APPLICABLE VALVE COVERS TO MATCH FINISHED GRADE ELEVATION.
- E. SITE DEMOLITION PERMIT CANNOT BE ISSUED UNTIL APPROVAL IS GRANTED FROM THE DIVISION OF AIR QUALITY. CONTACT LORI BLAIR AT 270-687-7304
- F. NOTIFICATION OF CONSTRUCTION SHALL BE SENT TO THE CITY OF HENDERSON'S PUBLIC INFORMATION OFFICER (DONNA STINNETT) IN ORDER TO ADDRESS TRAFFIC CONTROL ALONG
- ALVES & CHERRY STREETS DURING CONSTRUCTION. G. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL FEDERAL, STATE AND LOCAL PERMITS TO
- PERFORM DEMOLITION & CONSTRUCTION WORK ON THESE PLANS. H. CONTRACTOR SHALL KEEP ALL SURROUNDING PUBLIC ROADWAYS AND DRAINAGE SYSTEMS FREE FROM DIRT, MUD AND CONSTRUCTION DEBRIS AT ALL TIMES AND SHALL PROVIDE ALL NECESSARY EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) BMP'S. ALL BMP'S SHALL BE
- INSTALLED PER LOCAL AND STATE STANDARDS PRIOR TO ANY SITE CONSTRUCTION ACTIVITY. CONTACT HENDERSON CITY ENGINEER PRIOR TO CONSTRUCTION OF SIDEWALK OR ENTRANCE WITHIN THE CITY RIGHT-OF-WAY.
- J. CONTRACTOR SHALL VISIT SITE AND VERIFY EXISTING CONDITIONS ARE CONSISTENT WITH THE EXISTING CONDITIONS DEPICTED ON THE CONSTRUCTION PLANS PRIOR TO SUBMITTING BIDS. DISCREPANCIES ARE TO BE REPORTED TO THE OWNER'S ENGINEER PRIOR TO STARTING CONSTRUCTION. COMMENCEMENT OF CONSTRUCTION SHALL INDICATE THAT THE CONTRACTOR ACCEPTS THE ACTUAL SITE CONDITIONS AS MATCHING THE EXISTING CONDITIONS DEPICTED ON THE CONSTRUCTION PLANS.
- K. LIMITS OF CONSTRUCTION AND CONTRACTOR STAGING AREAS SHALL BE LIMITED TO AREAS DESIGNATED BY THE OWNER.
- L. THERE SHALL BE NO STRUCTURE (PERMANENT OR TEMPORARY) CONSTRUCTED WITHIN ANY PROPOSED OR EXISTING EASEMENT EXCEPT AS INDICATED ON PLAN.
- M. DIMENSIONS ARE TO FACE OF FOUNDATION WALL, FACE OF CURB, OR EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
- N. CONTRACTOR SHALL PERFORM FINAL GRADING OPERATIONS WITHIN PAVED AREAS AND SURROUNDING GRASS AREAS AS NECESSARY TO FACILITATE FINISH GRADES AND SPOT ELEVATIONS INDICATED WITHIN PLANS.
- O. CONTRACTOR SHALL PROOF ROLL ALL AREAS WITHIN THE PAVED AREAS PRIOR TO PLACING STONE AND/OR ASPHALT PAVEMENT. ANY SOFT AREAS SHALL BE REPORTED TO THE GEOTECHNICAL ENGINEER OVERSEEING THE PROJECT IMMEDIATELY.
- P. ALL DISTURBED AREAS NOT TO BE PAVED OR PLANTED WITH LANDSCAPING SHALL BE SEEDED/SODDED.
- Q. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND VERIFY ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION, NOTIFY THE ENGINEER OF CONFLICTS OR DISCREPANCIES FOUND, AND TO COORDINATE ALL UTILITY RELOCATES WITH THE APPROPRIATE UTILITY COMPANY.
- R. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SITE IMPROVEMENTS NOT DESIGNATED FOR REMOVAL AND/OR IMPROVEMENTS. DAMAGED EXISTING UTILITIES AND SITE IMPROVEMENTS SHALL BE RESTORED TO A CONDITION AS GOOD OR BETTER THAN PRECONSTRUCTION
- S. LAYOUT INFORMATION SHALL BE PROVIDED TO THE SELECTED CONTRACTOR AFTER THEY INDICATE THEIR PREFERRED FORMAT (COORDINATES, STATION/OFFSET, AUTOCAD DIGITAL FILE,
- T. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING N.O.I. WITH KY DIVISION OF WATER & WITH HWU (LOCAL) AS WELL AS PREPARING AND MAINTAINING SWPPP FOR THE PROJECT (IF
- U. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT CONSTRUCTED PAVEMENT, WALKS, GUTTERS OR LAWN AREAS ARE FREE OF STANDING/PONDING WATER AND POSITIVE DRAINAGE TO STORMWATER COLLECTION SYSTEMS IS ACHIEVED.
- V. ALL SIDEWALKS SHALL BE CONSTRUCTED TO COMPLY WITH THE LATEST A.D.A. GUIDELINES.
- W. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ARE BASED ON OBSERVED EVIDENCE AND AVAILABLE PLANS. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. OTHER UTILITIES MAY EXIST AND NOT BE SHOWN HEREON.
- X. THIS PROPERTY IS NOT LOCATED IN A 100-YEAR FLOOD HAZARD AREA AS INDICATED BY FLOOD INSURANCE RATE MAP NO. 21101C0228F, DATED SEPTEMBER 29, 2017.

INDEX OF SHEETS							
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C3.1 - C3.5	SITE LAYOUT PLANS						
C4.1 - C4.4	GRADING & DRAINAGE PLANS						
C5.1 - C5.3	SWPPP PLANS						
C6.1 - C6.3	SITE DETAILS						
A1.1	WALKWAY CANOPY PLAN, SECTIONS & DETAILS						
E1.1	ELECTRICAL DETAILS & BUSSING DIAGRAMS						
E2.1	SITE PLAN						

UTILITY NOTE

- A. CONTRACTORS SHALL BE RESPONSIBLE FOR UTILITY AGENCY COORDINATION AND PAYMENT OF ALL FEES ASSOCIATED WITH THE UTILITY CONNECTIONS INCLUDING: TAP FEES, METERS, ETC. FOR
- B. CONTRACTOR SHALL UNCOVER AND VERIFY LOCATION AND ELEVATIONS AT TIE IN AND CROSSING LOCATIONS PRIOR TO ANY UNDERGROUND PIPE INSTALLATION.



ALL UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR SUBCONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER "KENTUCKY 811" (TOLL FREE PHONE NO. 1-800-752-6007) TWO BUSINESS DAYS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. THIS NUMBER WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (i.e. CABLES, ELECTRIC WIRES, GAS AND WATERLINES). THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS AND IN THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS.



SOUTH MIDDLE SCHOOL - SITE IMPROVEMENTS

800 S. Alves Street, Henderson, Kentucky 42420

Project No. 1812-332

Date:

BOARD OF EDUCATION

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| 21 SE Third Street, Evansville, IN 47708

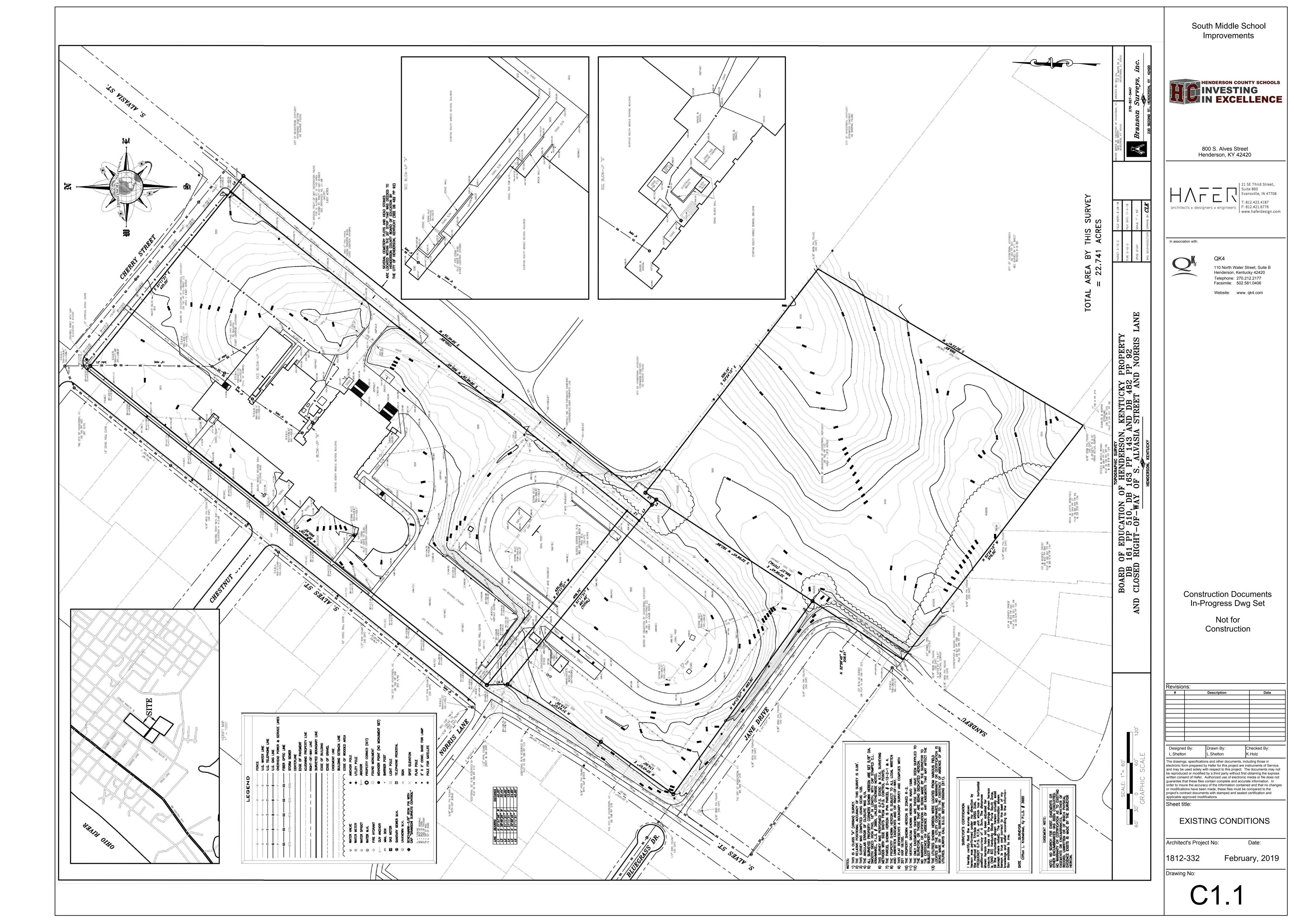
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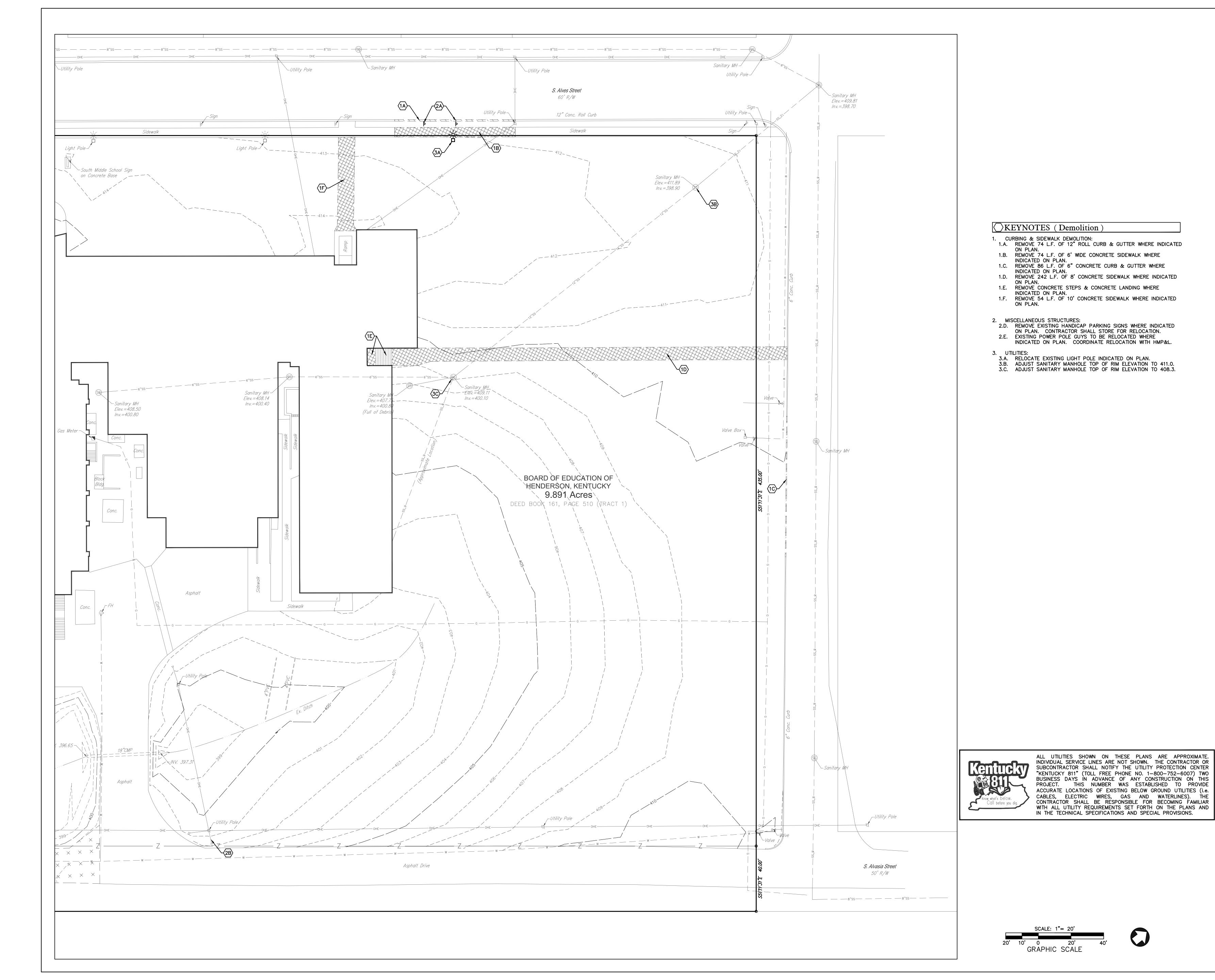
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South Middle School Improvements

INVESTING IN EXCELLENCE

800 S. Alves Street Henderson, KY 42420

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QK4 110 North Water Street, Suite B Henderson, Kentucky 42420 Telephone: 270.212.2177 Facsimile: 502.581.0406

Website: www. qk4.com

Construction Documents In-Progress Dwg Set Not for

Construction

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Designed By:

L.Shelton

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DEMOLITION PLAN

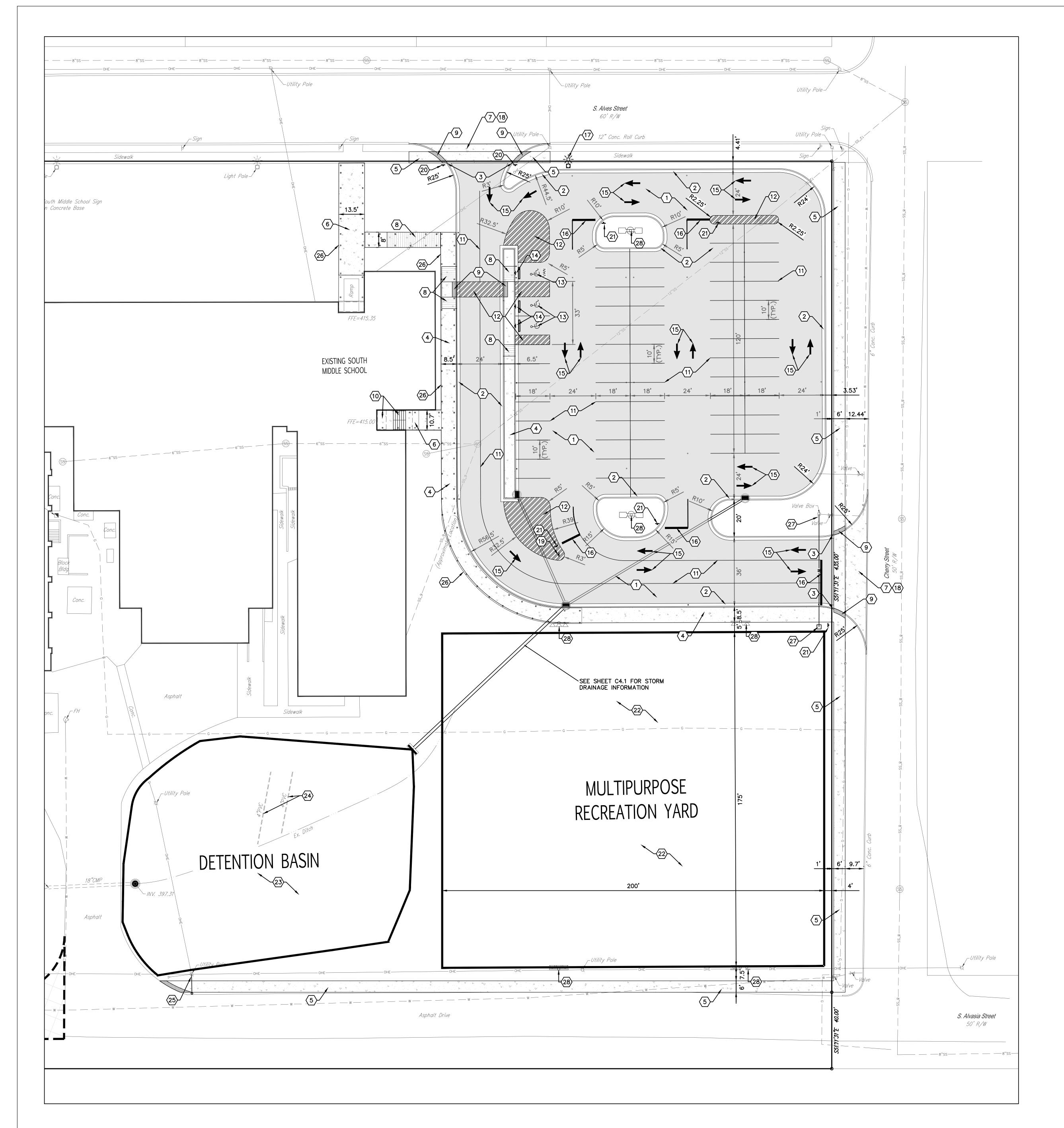
Architect's Project No:

February, 2019

Date:

Drawing No:

1812-332



KEYNOTES (Site Layout)

- CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT TO LIMITS INDICATED ON PLAN, PER DETAIL 1A, SHEET C6.1.
- 2. CONSTRUCT 6" CONCRETE CURB & GUTTER WHERE INDICATED ON PLAN AND PER DETAIL 2, SHEET C6.1.
- 3. CONSTRUCT CONCRETE CURB TAPER WHERE INDICATED ON PLAN AND PER DETAIL 3, SHEET C6.1.
- 4. CONSTRUCT CONCRETE CURB & WALK WHERE INDICATED ON PLAN AND PER DETAIL 8, SHEET C6.1.
- 5. CONSTRUCT 6' WIDE CONCRETE WALK PER CITY OF HENDERSON STANDARDS WHERE INDICATED ON PLAN AND PER DETAIL 5, SHEET C6.1. CONCRETE SHALL BE 3500 PSI, NO REINFORCEMENT, PLACED OVER COMPACTED
- 6. CONSTRUCT CONCRETE SIDEWALK WHERE INDICATED ON PLAN AND PER DETAIL 4, SHEET C6.1.
- 7. CONSTRUCT 6" CONCRETE ENTRANCE APRON WHERE INDICATED ON PLAN AND PER DETAIL 7, SHEET C6.1. CONCRETE SHALL BE 4000 PSI, NO REINFORCEMENT, PLACED OVER 6 INCHES OF COMPACTED DGA, OVER COMPACTED SUBGRADE.
- 8. CONSTRUCT HANDICAP RAMP WHERE INDICATED ON PLAN AND PER DETAIL 9, SHEET C6.1.
- 9. CONSTRUCT DETECTABLE WARNING SURFACE FULL WIDTH OF SIDEWALK WHERE INDICATED ON PLAN AND PER DETAIL 16, SHEET C6.1.
- 10. CONSTRUCT CONCRETE STEPS AND LANDING WHERE INDICATED ON PLAN AND PER DETAIL X, SHEET C6.2.
- 11. STRIPE ASPHALT PAVEMENT WITH WITH (2) COATS, WHITE, PRATT AND LAMBERT TRAFFIC PAINT (OR APPROVED EQUAL).
- 12. PAINT CROSS—HATCH PATTERN WITH (2) COATS, WHITE, PRATT AND LAMBERT TRAFFIC PAINT (OR APPROVED EQUAL). DIAGONAL STRIPES SHALL BE 4" WIDE ON 45° ANGLE. PERIMETER LINES SHALL BE 4" WIDE.
- 13. PAINT INTERNATIONAL HANDICAP SYMBOL ON PAVEMENT WHERE INDICATED ON PLAN AND PER DETAIL 11, SHEET C6.1. PAINT "VAN" LETTERS, 18" HIGH, WHERE INDICATED ON PLAN.
- 14. INSTALL HANDICAP PARKING SIGN WHERE INDICATED ON PLAN AND PER DETAIL 10, SHEET C6.1. INSTALL "VAN" SIGNAGE FOR SPACES INDICATED ON PLAN AS VAN ACCESSIBLE. INSTALL CONCRETE WHEEL STOP PER DETAIL 12, SHEET C6.1.
- 15. CONSTRUCT TRAFFIC FLOW ARROW WHERE INDICATED ON PLAN AND PER DETAIL 13, SHEET C6.1.
- 16. CONSTRUCT STOP BAR WHERE INDICATED ON PLAN AND PER DETAIL 14, SHEET
- 17. NEW LOCATION OF RELOCATED STREET LIGHT POLE AND FIXTURE.
 CONTRACTOR SHALL INSTALL NEW CONCRETE FOUNDATION AND RECONNECT TO
 EXISTING ELECTRICAL CIRCUIT. ALL WORK SHALL BE IN COMPLIANCE WITH
 APPLICABLE ELECTRIAL CODES AND CITY OF HENDERSON STANDARDS.
- 18. EXISTING PAVEMENT ON ALVES STREET & CHERRY STREET SHALL BE SAWCUT TO A MINIMUM DEPTH OF 8-INCHES ALONG THE NEW ENTRANCE CURB INSTALLATION LINE.
- 19. CONSTRUCT 'DO NOT ENTER' SIGN (R5-1) WHERE INDICATED ON PLANS IN ACCORDANCE WITH CURRENT MUTCD STANDARDS AND KYTC STANDARD SPECIFICATIONS SECTION 830. INSTALL SIGNS ON TYPE II POSTS IN ACCORDANCE WITH KYTC STANDARD SPECIFICATION SECTION 832.
- 20. CONSTRUCT 'ENTER ONLY' SIGN (R7-67) WHERE INDICATED ON PLANS IN ACCORDANCE WITH CURRENT MUTCD STANDARDS AND KYTC STANDARD SPECIFICATIONS SECTION 830. INSTALL SIGNS ON TYPE II POSTS IN ACCORDANCE WITH KYTC STANDARD SPECIFICATION SECTION 832.
- 21. CONSTRUCT 'STOP' SIGN (R1-1) WHERE INDICATED ON PLANS IN ACCORDANCE WITH CURRENT MUTCD STANDARDS AND KYTC STANDARD SPECIFICATIONS SECTION 830. INSTALL SIGNS ON TYPE II POSTS IN ACCORDANCE WITH KYTC STANDARD SPECIFICATION SECTION 832.
- 22. REGRADE AREA TO CREATE MULTIPURPOSE RECREATION YARD. SEE SHEET C4.1 FOR DETAILS.
- 23. REGRADE AREA TO CREATE AREA DETENTION BASIN. SEE SHEET C4.1 FOR
- 24. REMOVE EXCESS 4" PVC PIPE AFTER REGRADING DETENTION BASIN.
- 25. THE CONTRACTOR SHALL COORDINATE WITH HMP&L TO INSTALL A STRAIN POLE APPROXIMATELY WHERE INDICATED ON PLAN, AND RE-GUY EXISTING UTILITY POLE TO ACCOMODATE PROPOSED SIDEWALK ALIGNMENT.
- 26. CONSTRUCT WALKWAY CANOPY WHERE INDICATED ON PLAN. SEE SHEET A1.1 FOR DETAILS.
- 27. TIE INTO EXISTING WATER VALVE BOX AND CONSTRUCT WATER SERVICE LINE
- AND VALVE BOX FOR FUTURE FIELD IRRIGATION SYSTEM.

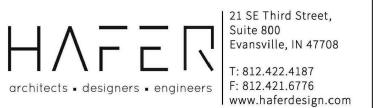
 28. CONSTRUCT SITE LIGHTING. SEE SHEETS E1.1 AND E1.2 FOR DETAILS.

Improvements



South Middle School

800 S. Alves Street Henderson, KY 42420



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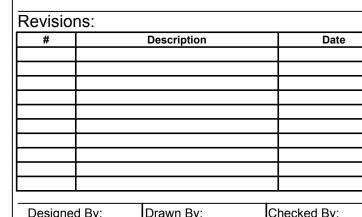


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Designed By:

L.Shelton

L.Shelton

Checked By:

K.Holz

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SITE LAYOUT

Architect's Project No:

1812-332 February, 2019

Drawing No:

Sheet title:

23.1

SCALE: 1"= 20'

10' 0 20' 40'
GRAPHIC SCALE

ALL UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE.

INDIVIDUAL SERVICE LINES ARE NOT SHOWN. THE CONTRACTOR OR

SUBCONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER

"KENTUCKY 811" (TOLL FREE PHONE NO. 1-800-752-6007) TWO

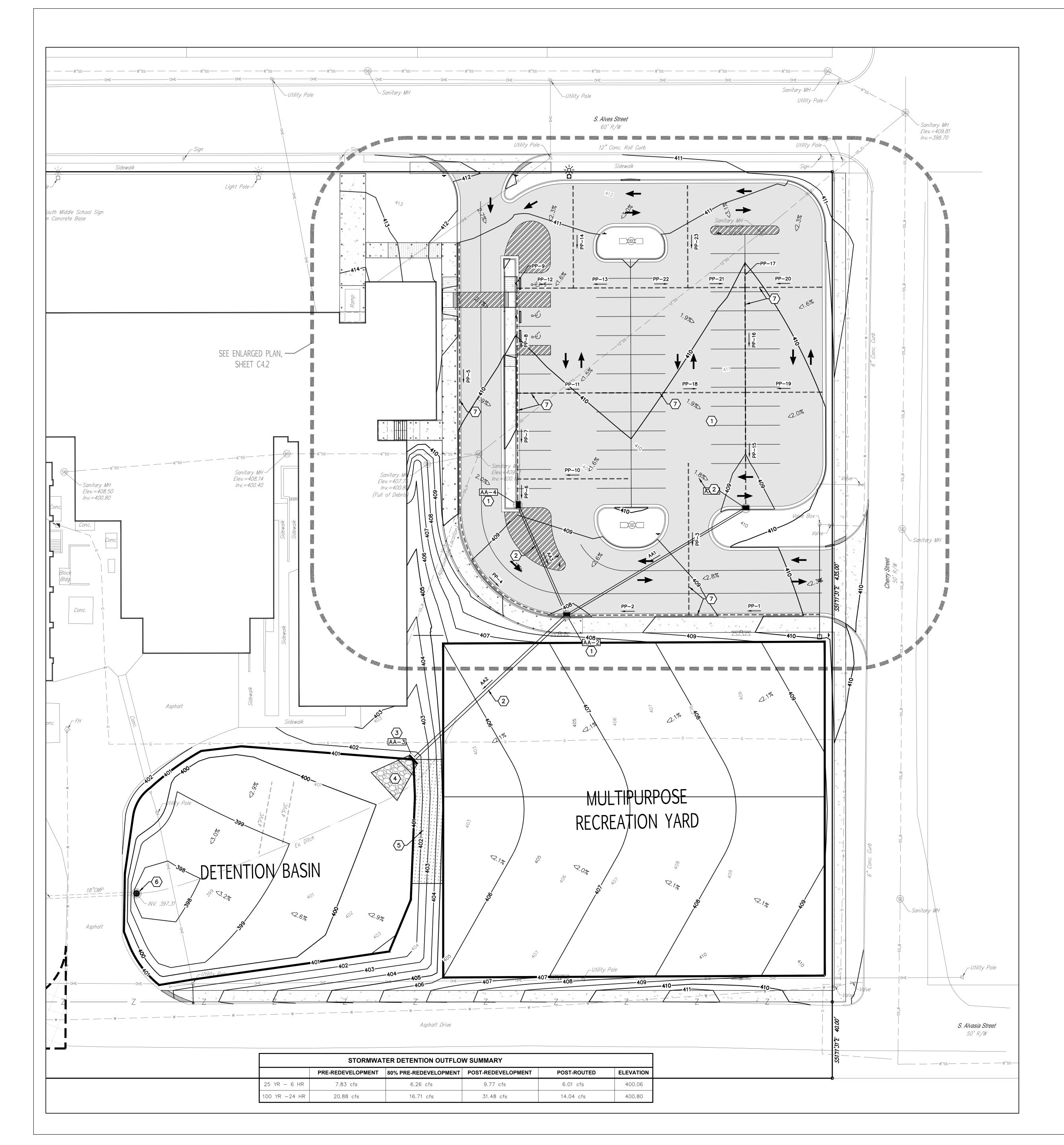
BUSINESS DAYS IN ADVANCE OF ANY CONSTRUCTION ON THIS

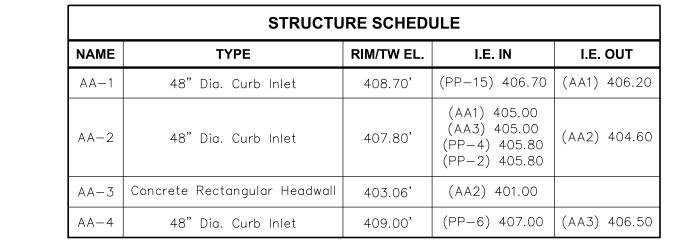
PROJECT. THIS NUMBER WAS ESTABLISHED TO PROVIDE

ACCURATE LOCATIONS OF EXISTING BELOW GROUND UTILITIES (i.e. CABLES, ELECTRIC WIRES, GAS AND WATERLINES). THE CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR

WITH ALL UTILITY REQUIREMENTS SET FORTH ON THE PLANS AND

IN THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS.





PIPE SCHEDULE									
NAME	SIZE	TYPE	LENGTH	SLOPE					
AA1	12"	R.C.P.	109.29	1.10%					
AA2	18"	R.C.P.	110.31	3.26%					
ААЗ	12"	R.C.P.	63.34'	2.37%					
PP-1	4"	Corrugated HDPE Pipe	68.35'	2.12%					
PP-2	4"	Corrugated HDPE Pipe	64.00'	1.48%					
PP-3	4"	Corrugated HDPE Pipe	79.25'	0.82%					
PP-4	4"	Corrugated HDPE Pipe	87.57	1.94%					
PP-5	4"	Corrugated HDPE Pipe	139.47	1.08%					
PP-6	4"	Corrugated HDPE Pipe	13.50'	1.48%					
PP-7	4"	Corrugated HDPE Pipe	45.00'	1.11%					
PP-8	4"	Corrugated HDPE Pipe	55.00'	1.00%					
PP-9	4"	Corrugated HDPE Pipe	6.00'	1.67%					
PP-10	4"	Corrugated HDPE Pipe	57.50'	0.96%					
PP-11	4"	Corrugated HDPE Pipe	57.50'	0.96%					
PP-12	4"	Corrugated HDPE Pipe	29.52'	1.02%					
PP-13	4"	Corrugated HDPE Pipe	27.98'	1.07%					
PP-14	4"	Corrugated HDPE Pipe	53.24'	1.69%					
PP-15	4"	Corrugated HDPE Pipe	60.74	0.99%					
PP-16	4"	Corrugated HDPE Pipe	55.00'	1.00%					
PP-17	4"	Corrugated HDPE Pipe	13.00'	1.15%					
PP-18	4"	Corrugated HDPE Pipe	58.00'	1.64%					
PP-19	4"	Corrugated HDPE Pipe	40.00'	1.75%					
PP-20	4"	Corrugated HDPE Pipe	40.00'	1.37%					
PP-21	4"	Corrugated HDPE Pipe	30.00'	1.83%					
PP-22	4"	Corrugated HDPE Pipe	28.00'	1.61%					
PP-23	4"	Corrugated HDPE Pipe	53.24	1.97%					

KEYNOTES (Grading Plan)

- 1. CONSTRUCT PRECAST CONCRETE CURB INLET CATCH BASIN WHERE INDICATED ON PLAN AND PER STRUCTURE SCHEDULE THIS SHEET. CONTRACTOR SHALL SUBMIT TO OWNER'S ENGINEER SHOP DRAWINGS OF STRUCTURE AND GRATE SELECTIONS. CONTRACTOR SHALL BACKFILL CATCH BASIN STRUCTURES TO SUBGRADE WITH 1—FOOT OF UNWASHED #57 STONE. CONTRACTOR SHALL TIE PERFORATED PIPE UNDERDRAINS INTO CATCH BASIN STRUCTURES WHERE INDICATED ON PLAN.
- 2. INSTALL REINFORCED CONCRETE PIPE WHERE INDICATED ON PLAN AND PER PIPE SCHEDULE, THIS SHEET. INSTALL PER DETAIL 18, SHEET C6.1
- 3. INSTALL PRECAST CONCRETE SLOPED AND FLARED HEADWALL WHERE INDICATED ON PLAN AND PER STRUCTURE SCHEDULE, THIS SHEET. CONTRACTOR SHALL SUBMIT TO OWNER'S ENGINEER SHOP DRAWINGS OF STRUCTURES SELECTED.
- 4. INSTALL 20'x10' (AVG.) RIP-RAP OUTLET PROTECTION AS SHOWN ON PLAN AND PER DETAIL 19, SHEET C6.1.
- 5. INSTALL APPROXIMATELY 65'x15' OF NORTH AMERICAN GREEN P300 (OR APPROVED EQUAL) PERMANENT TURF REINFORCEMENT WHERE INDICATED ON PLAN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- 6. INSTALL 48" DIAMETER PRECAST CONCRETE DETENTION BASIN OUTLET STRUCTURE WHERE INDICATED ON PLAN. INSTALL ON END OF EXISTING 18" C.M.P. OUTLET PIPE. MODIFY STRUCTURE BY CASTING (OR CORE DRILLING) ORIFICES INTO STRUCTURE WALL AS SHOWN ON DETAIL 15, SHEET C6.1. INSTALL HOE LDR48 TRASH RACK (OR APPROVED EQUAL).
- 7. INSTALL 4" PERFORATED PIPE WITH FILTER SOCK UNDERDRAINS BENEATH ASPHALT PAVEMENT WHERE INDICATED ON PLAN AND PER DETAIL 1C, SHEET

UTILITY NOTE

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- B. CONTRACTOR SHALL UNCOVER AND VERIFY LOCATION AND ELEVATIONS AT TIE IN AND CROSSING LOCATIONS PRIOR TO ANY UNDERGROUND PIPE INSTALLATION.

BENCHMARKS

ALL UTILITIES.

BENCHMARK INFORMATION MAY BE OBTAINED BY CONTACTING: BRANSON SURVEYS, 330 2nd STREET, HENDERSON, KENTUCKY, 42420 PHONE: 270-827-5447

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THIS PROPERTY IS NOT LOCATED IN A 100-YEAR FLOOD HAZARD AREA AS INDICATED BY FLOOD INSURANCE RATE MAP NOS. 21101C0228F & 21101C0229F, DATED SEPTEMBER 29, 2017.

NOTES

- 1. CONTRACTOR SHALL READ AND FOLLOW ALL RECOMMENDATIONS PRESENTED WITHIN THE GEOTECHNICAL REPORT PREPARED BY ALT & WITZIG, DATED FEBRUARY 11, 2019. SPECIFICALLY THE CONTRACTOR SHALL BE AWARE OF AND FOLLOW ALL RECOMMENDATIONS PERTAINING TO CHEMICAL TREATMENT OF SOILS PURSUANT TO APPROPRIATE MOISTURE CONTENT AND ALL PROOF ROLLING
- 2. DGA, CRUSHED STONE, OR OTHER GRANULAR ROCK MATERIALS USED FOR BACKFILL OR BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR DENSITY (ASTM
- 3. FILL AND BACKFILL MATERIALS SHALL BE PLACED IN LAYERS NOT TO EXCEED 8 INCHES TO BE COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT TO EXCEED 4 INCHES IF COMPACTED BY HAND-OPERATED EQUIPMENT.
- 4. SUBGRADE AND FILL LOCATIONS SHOULD BE 'PROOFROLLED' TO EVALUATE THE SUITABILITY FOR FILL AND PAVEMENT PLACEMENT. THE PROOFROLLING SHOULD BE PERFORMED USING HEAVY EQUIPMENT (FULLY LOADED SINGLE OR DOUBLE AXLE DUMP TRUCK OF APPROXIMATE WEIGHT OF 20-25 TONS) PASSING REPEATEDLY OVER THE SUBGRADE/COMPACTED FILL AT A SLOW RATE OF SPEED.

LEGEND

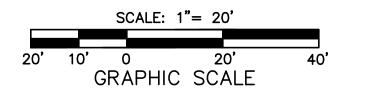
PROPOSED PAVEMENT
SPOT ELEVATION

PROPOSED TOP OF CURB/
BOTTOM OF CURB ELEVATIONS

PROPOSED PAVEMENT SPOT
GRADE AND DIRECTION

XXX.XX

XXX.XX





South Middle School Improvements

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Revisions:

Description Date

Designed By: Drawn By: Checked By:

L.Shelton

L.Shelton

K.Holz

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Sheet title:

GRADING &

DRAINAGE PLAN

Architect's Project No:

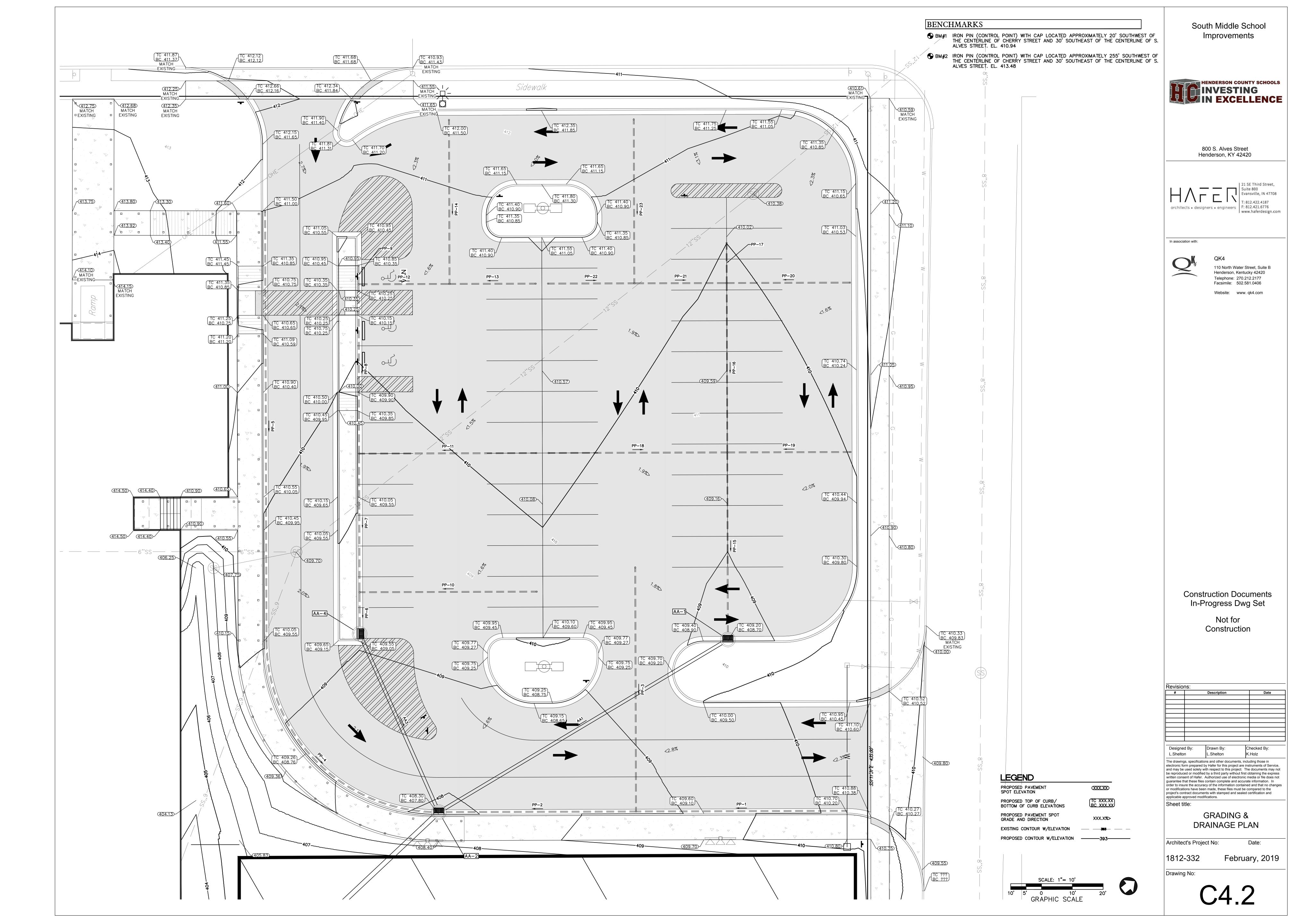
vo. Date.

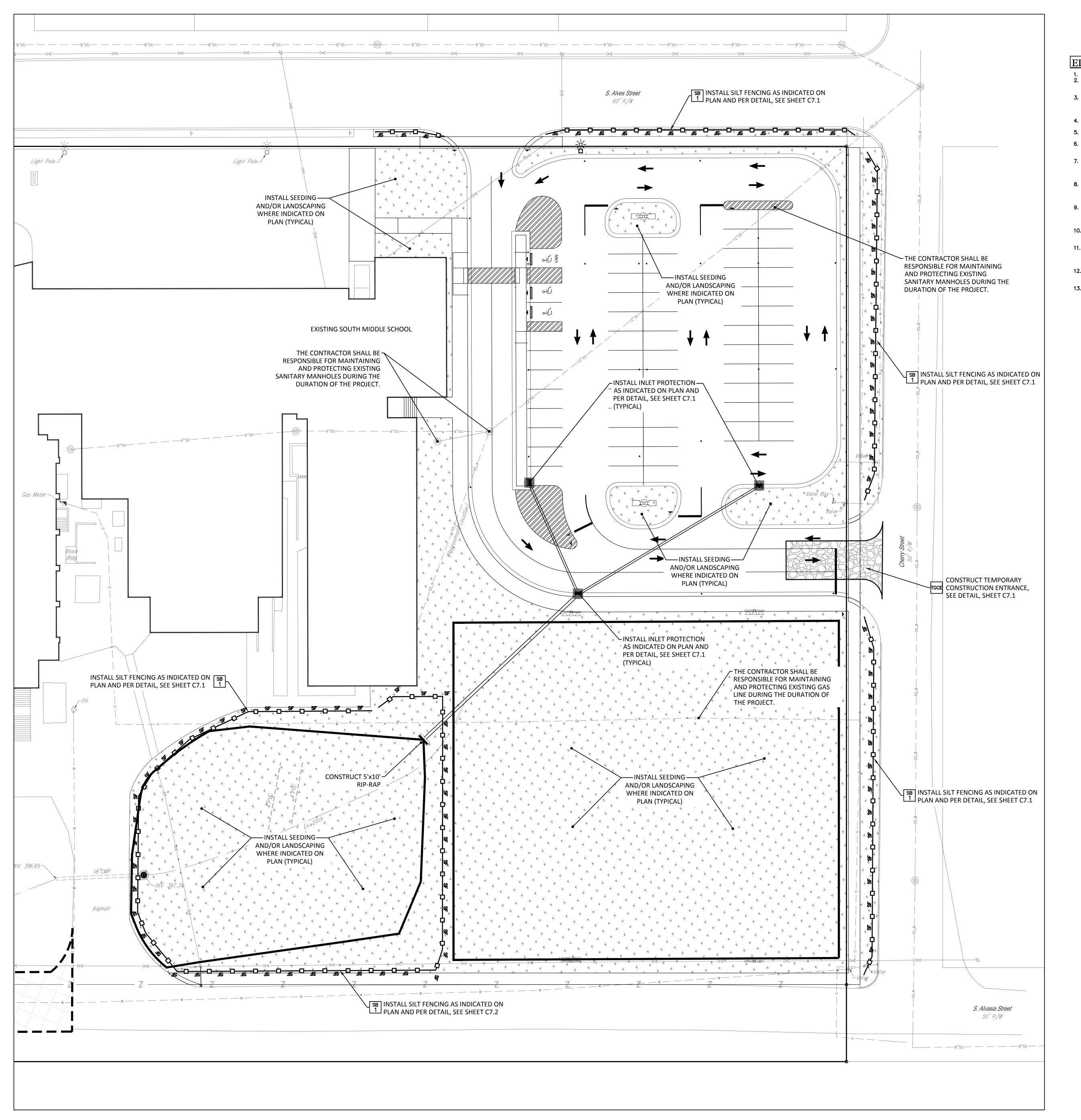
February, 2019

Drawing No:

1812-332

C4.1





EPSC NOTES

- PRIOR TO MOBILIZATION, ALL SILT FENCE SHALL BE INSTALLED. SILT FENCES TO BE CLEANED OUT WHEN THEY BECOME ONE THIRD FULL. ALL EROSION CONTROL
 - MEASURES ARE TO BE INSPECTED AND CLEANED OR REPAIRED AS NECESSARY EVERY 7 DAYS AND AFTER EVERY ONE HALF INCH OR GREATER RAINFALL.. ALL DISTURBED AREAS THAT REMAIN INACTIVE FOR MORE THAN 21 DAYS SHALL BE STABILIZED BY
- SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. 4. TOPSOIL STOCKPILES AND BORROW SITES SHALL BE SURROUNDED BY SILT FENCES, RESEEDED AND
- PLACED WHERE SOIL EROSION WOULD NOT FLOW INTO WATERWAYS OR ADJACENT PROPERTIES. NO SOLIDS, INCLUDING BUILDING MATERIALS, SHALL BE ALLOWED TO DISCHARGE INTO WATERS OF THE
- COMMONWEALTH. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR REMOVING DIRT AND CONSTRUCTION DEBRIS
- CAUSED BY CONSTRUCTION ACTIVITIES FROM THE PUBLIC ROADS AND/OR PUBLIC DRAINAGE SYSTEMS FOR THE DURATION OF THE PROJECT.
- ALL POTENTIAL EROSION SHALL BE CONTROLLED IN SUCH A MANNER SO AS TO PREVENT ANY DISPLACEMENT OF SEDIMENT TO THE ADJACENT PROPERTY OWNERS OR RIGHT-OF-WAY. THIS CONTROL SHALL BE IMPLEMENTED THROUGH PROPER INSTALLATION OF SILT FENCE DURING THE CONSTRUCTION DURATION AND MAINTAINED UNTIL PROPER GROUND COVER HAS BEEN ESTABLISHED.
- 8. THE EROSION CONTROL PLAN IS PREPARED AS A GUIDE FOR INITIAL EROSION CONTROL MEASURES TO BE INSTALLED AT THE JOB SITE. IF EROSION OCCURS IN OTHER SPECIFIC AREAS OF THE PROPERTY DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING SILT FENCE, OR OTHER EROSION CONTROL MEASURES AS NEEDED TO PREVENT EROSION AND/OR CONTROL SEDIMENTATION.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE

- EROSION PREVENTION AND SEDIMENTATION CONTROL, STRUCTURES, SILT FENCE, ETC., SHALL BE INSPECTED REGULARLY AND SHALL BE REPAIRED CLEANED, AND/OR REINSTALLED AS NECESSARY TO MEET THE INTENT OF THIS PLAN. 10. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REMOVAL OF EROSION PREVENTION AND
- SEDIMENTATION CONTROL STRUCTURES AFTER CONSTRUCTION IS COMPETE, BUT ONLY AFTER PROPER GROUND COVER HAS BEEN ESTABLISHED.
- 11. THE CONTRACTOR SHALL ENSURE THAT ALL SUBCONTRACTORS ARE FAMILIAR WITH THE EROSION CONTROL MEASURES ON SITE AND THAT EACH SUBCONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE THEY CAUSE TO ANY EROSION CONTROL STRUCTURE AND SHALL REPORT SAME TO THE GENERAL
- CONTRACTOR IMMEDIATELY. 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND CLEANING ANY SEDIMENT THAT ENTERS WATER STREET OR WASHINGTON STREET (PUBLIC RIGHT-OF-WAY). SEDIMENTS SHALL BE REMOVED
- IMMEDIATELY AND SHALL BE RETURNED TO THE CONSTRUCTION SITE. 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR LOCAL AND STATE N.O.I. AND DEVELOPING AND MAINTAINING SWPPP FOR THE PROJECT (IF NECESSARY).

GENERAL NOTE:

ALL EPSC STRUCTURES ARE TO BE INSTALLED BEFORE TOP SOIL REMOVAL BEGINS.

ALL EXISTING TOP SOIL SHALL BE REMOVED WITHIN DISTURB LIMITS AND STOCK PILED IN DESIGNATED AREA. CONTRACTOR SHALL COORDINATE WITH OWNER FOR TOP SOIL STORAGE LOCATIONS.

CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES DEPTH ALONG ALVES STREET AND CHERRY STREET AND CONTACT EACH UTILITY AGENCY AND COORDINATE WITH BEFORE ANY EXCAVATION BEGINS.

EPSC LEGEND

STABILIZED CONSTRUCTION

EROSION CONTROL BLANKET

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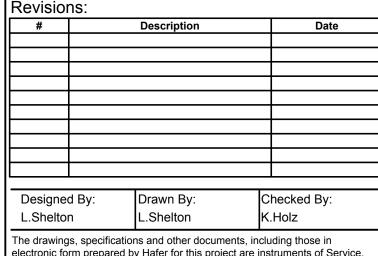
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ENTRANCE

TEMPORARY SILT BARRIER FOR CLEARING & ROCK CHECK DAM INSTALLATION

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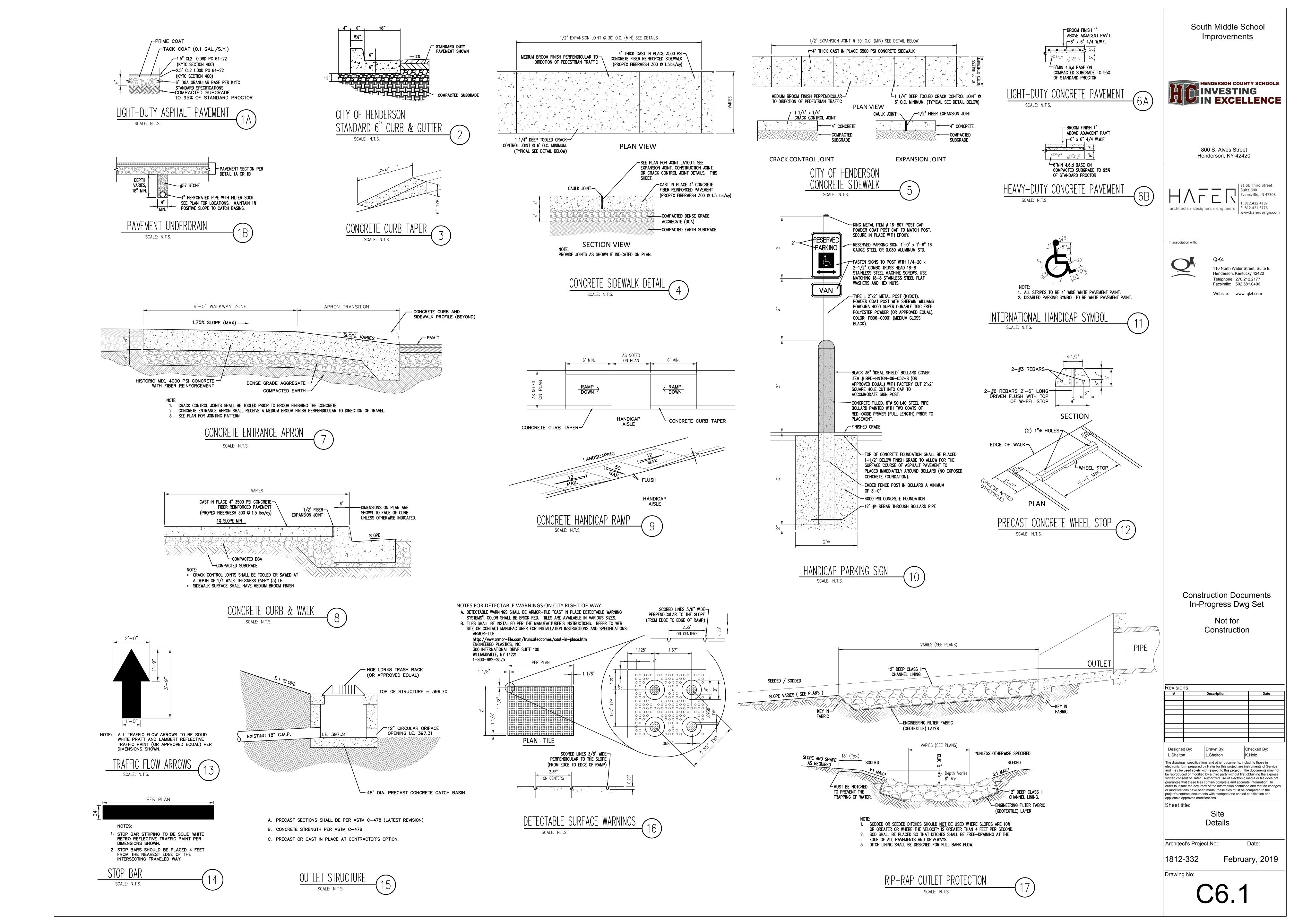
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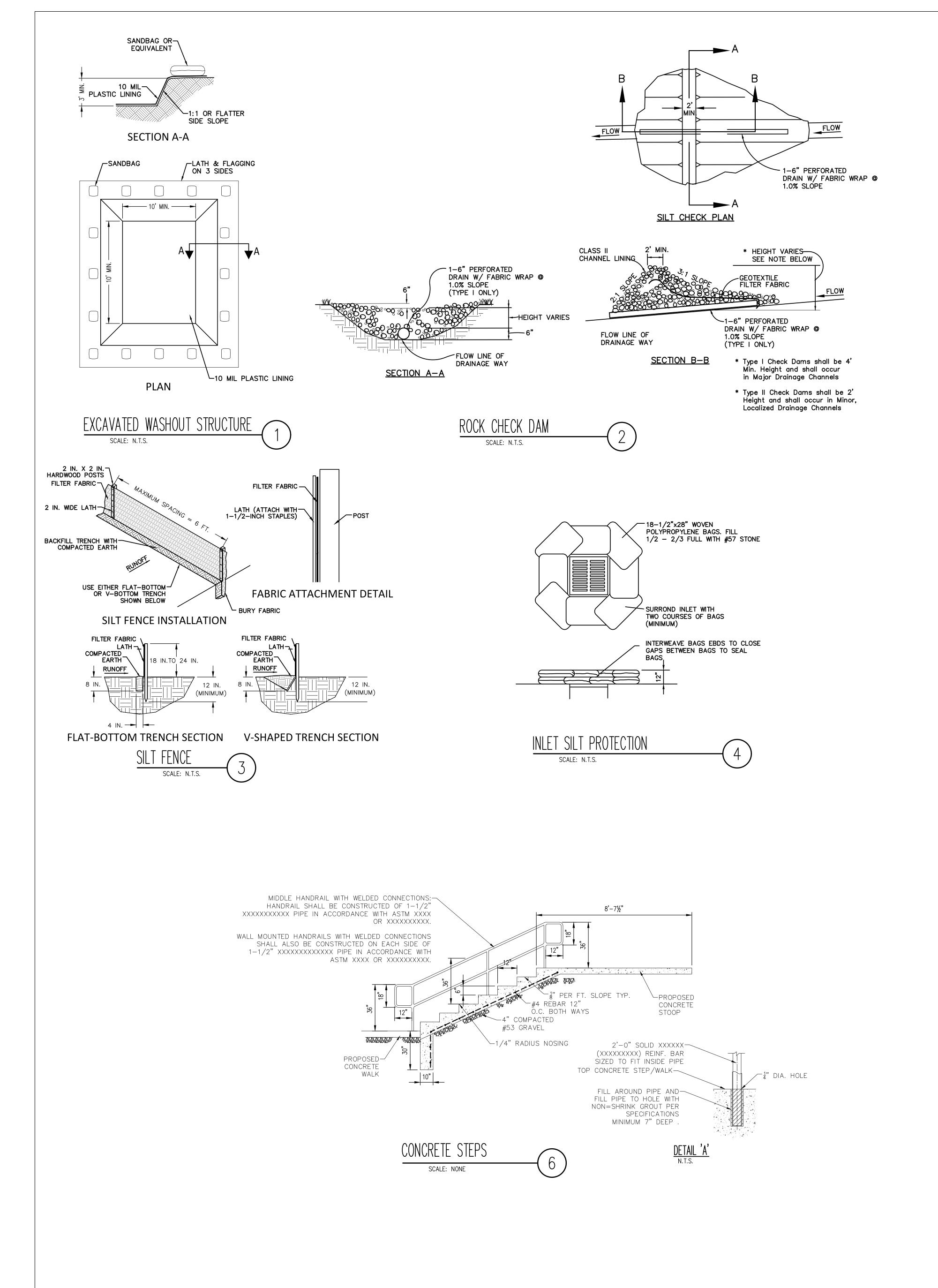
SWPPP

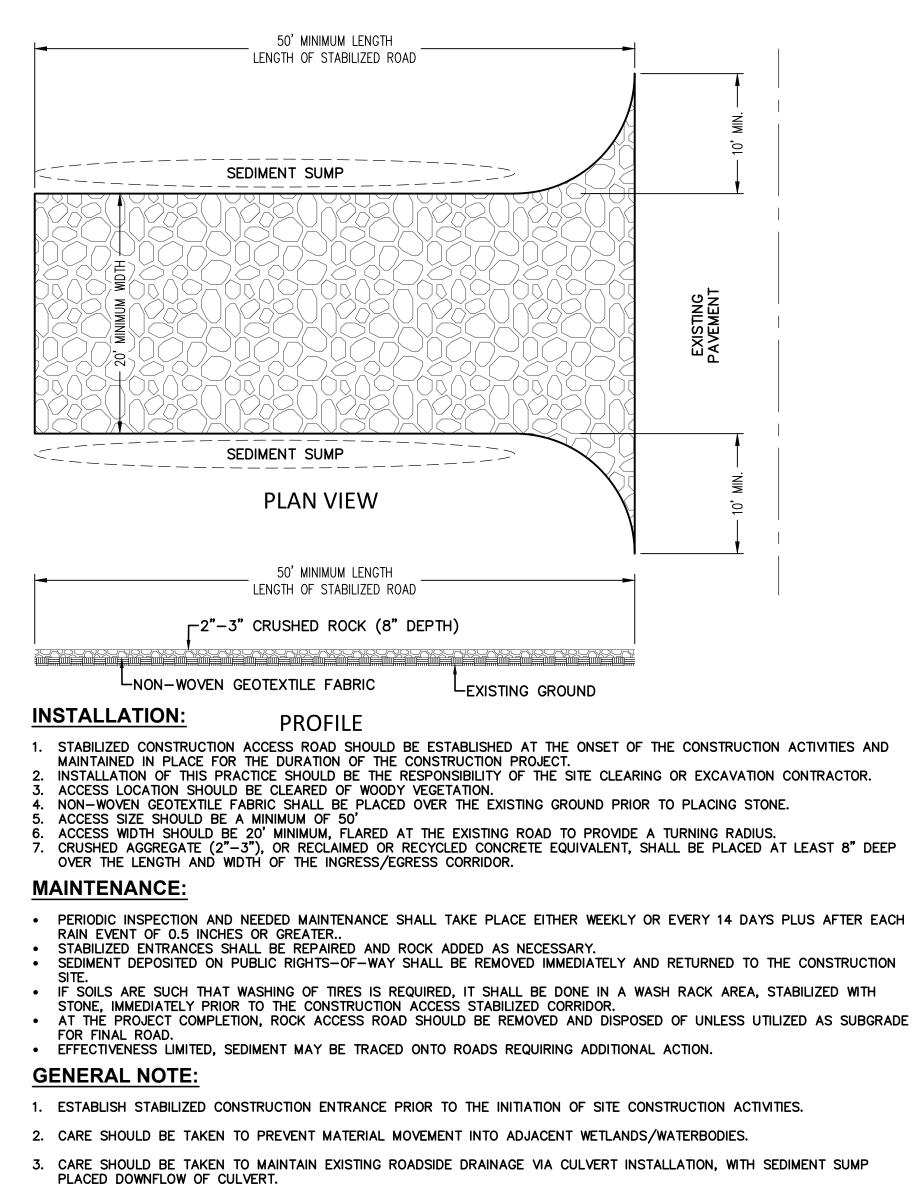
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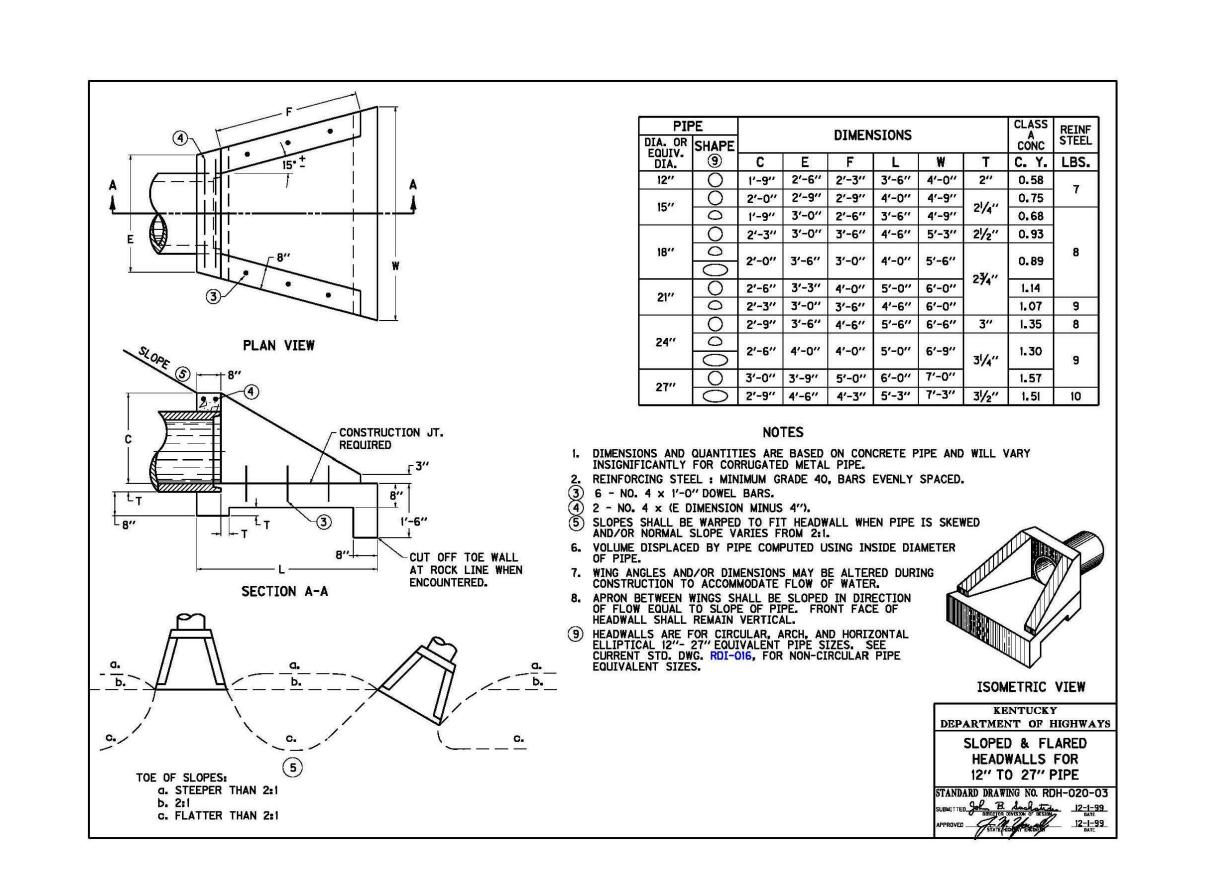
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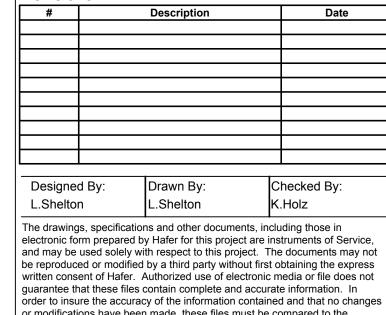
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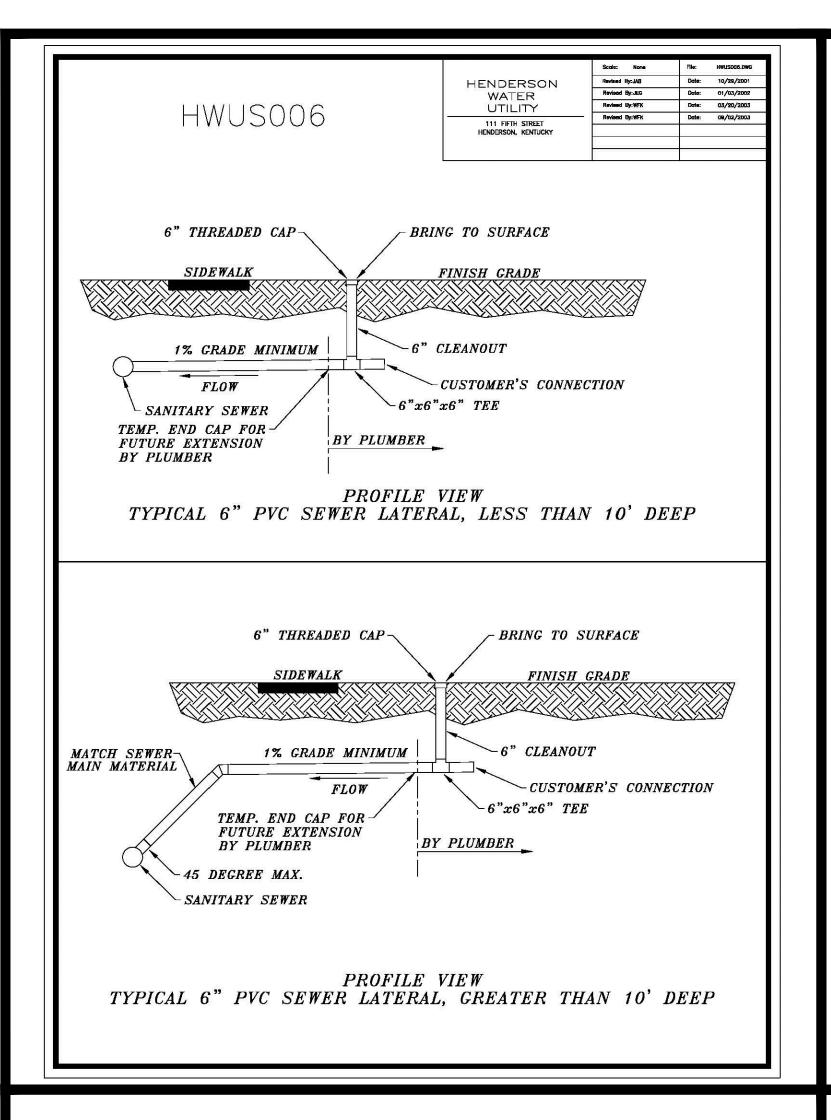
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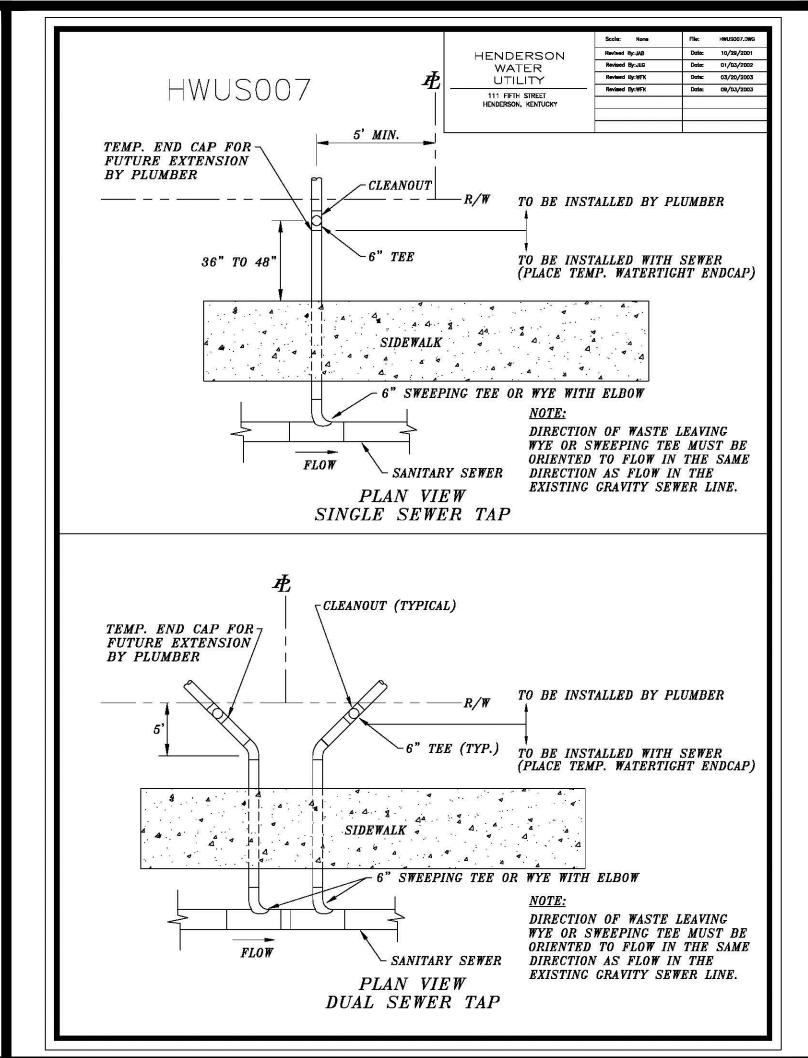
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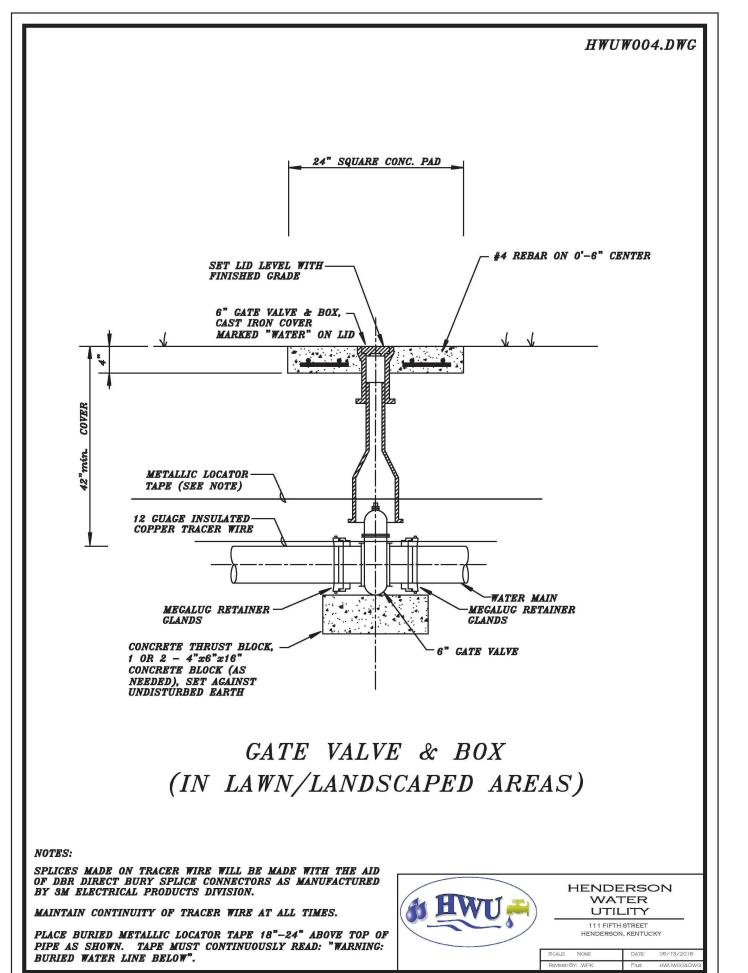
February, 2019 1812-332

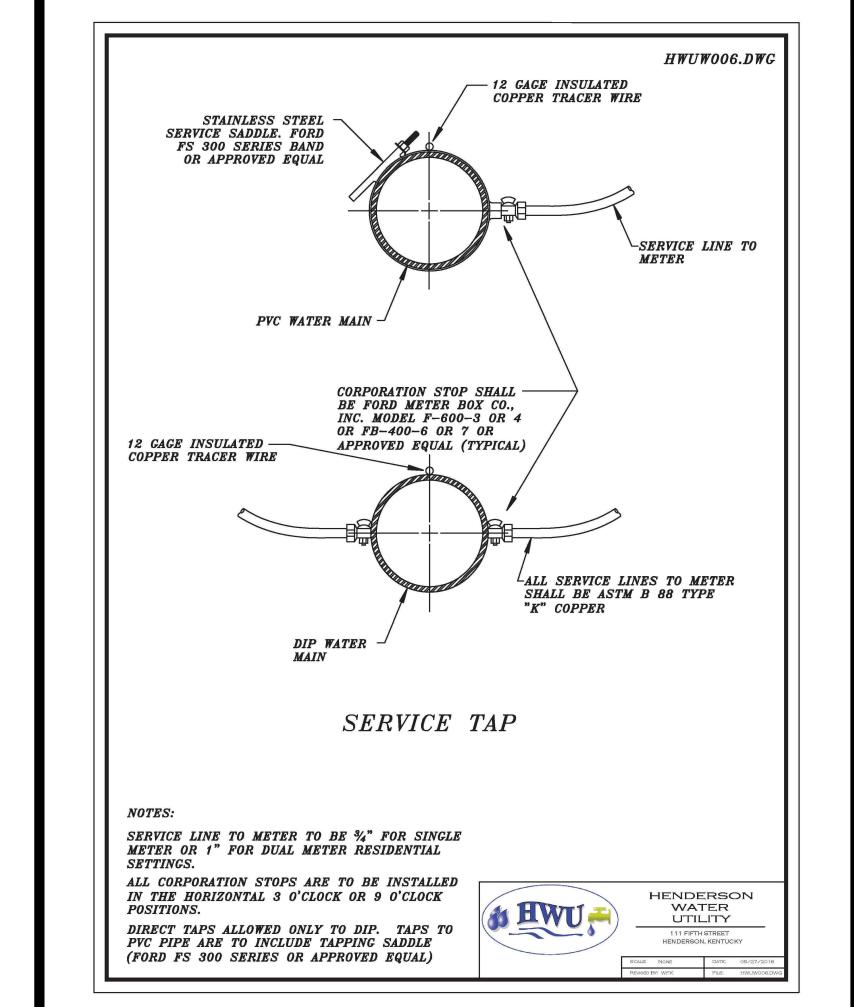
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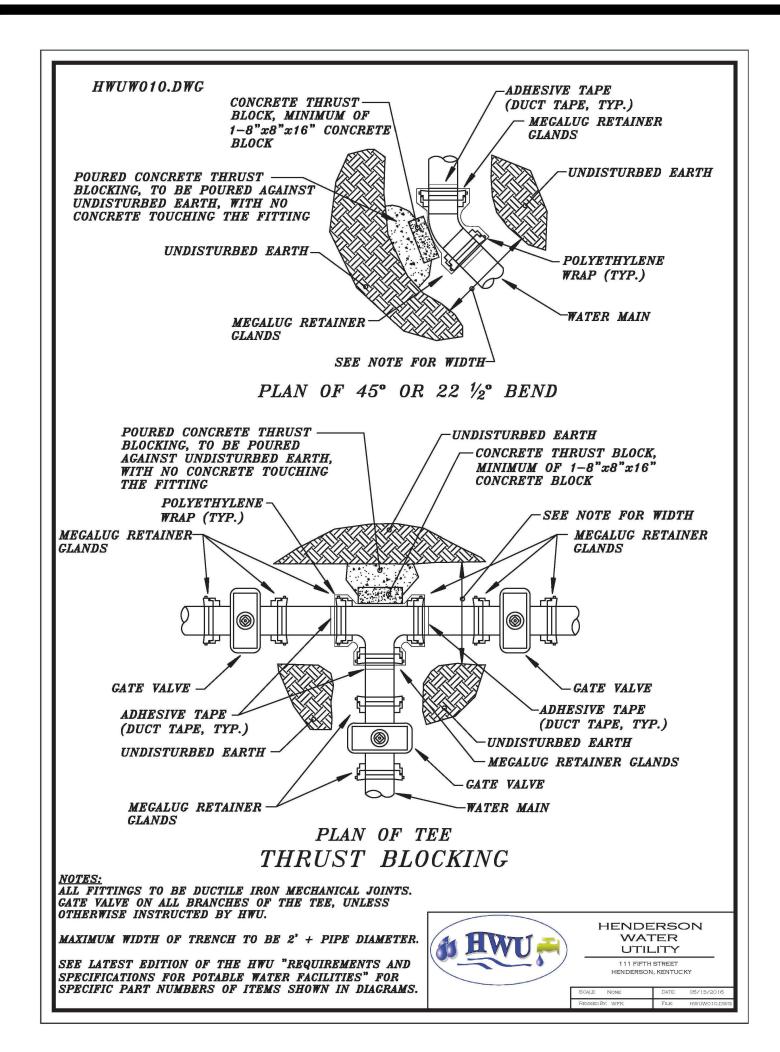
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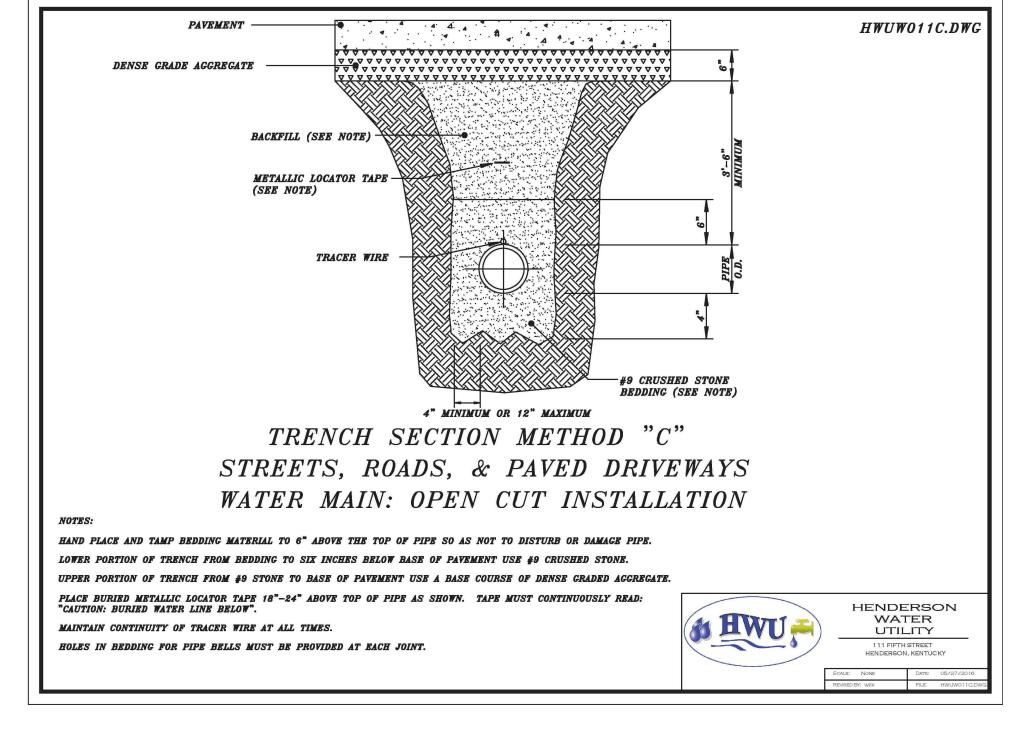


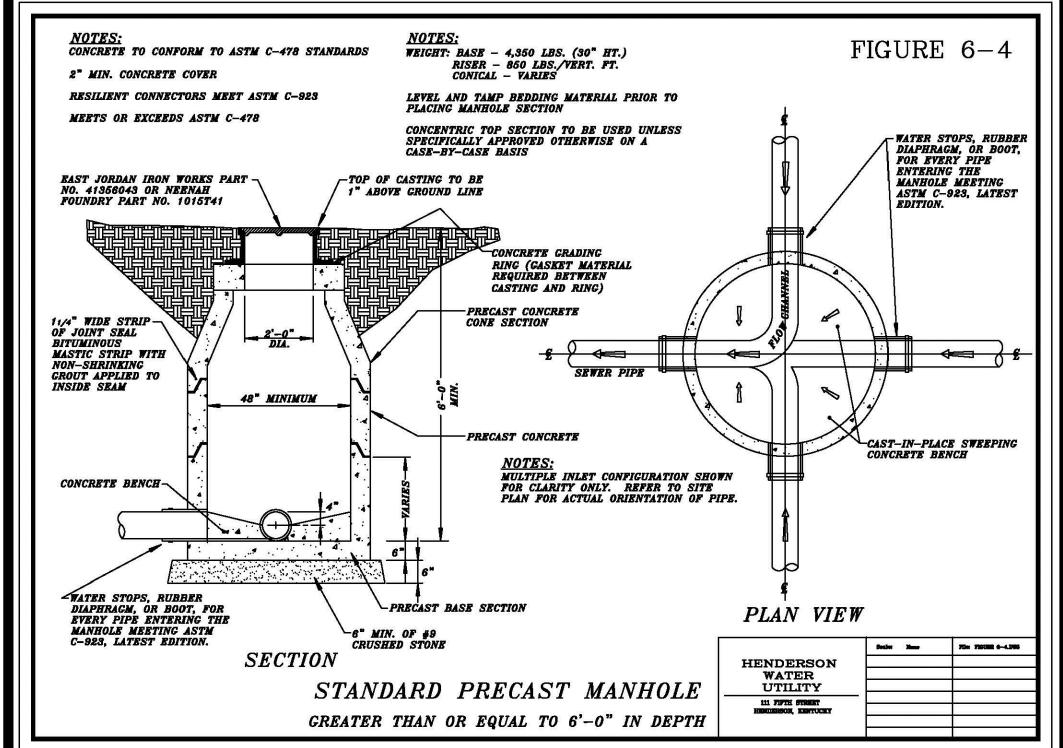


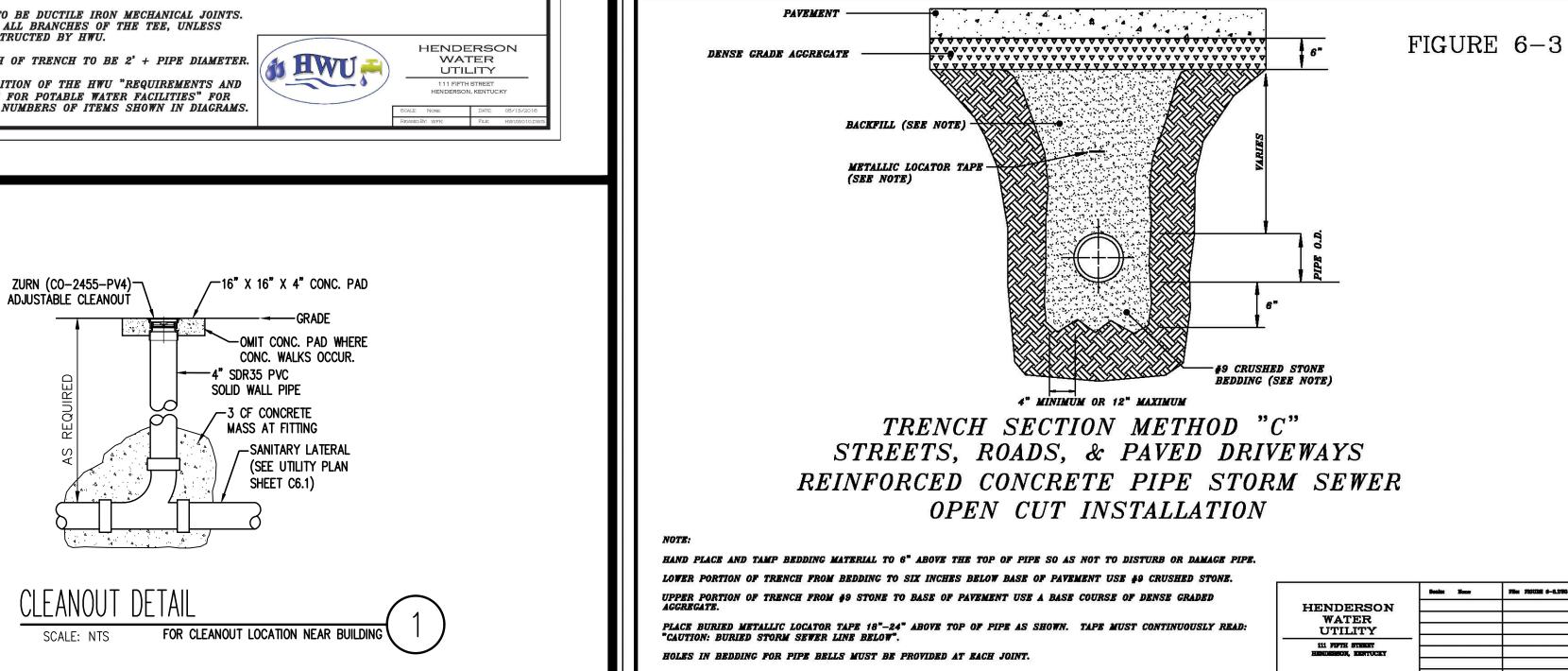


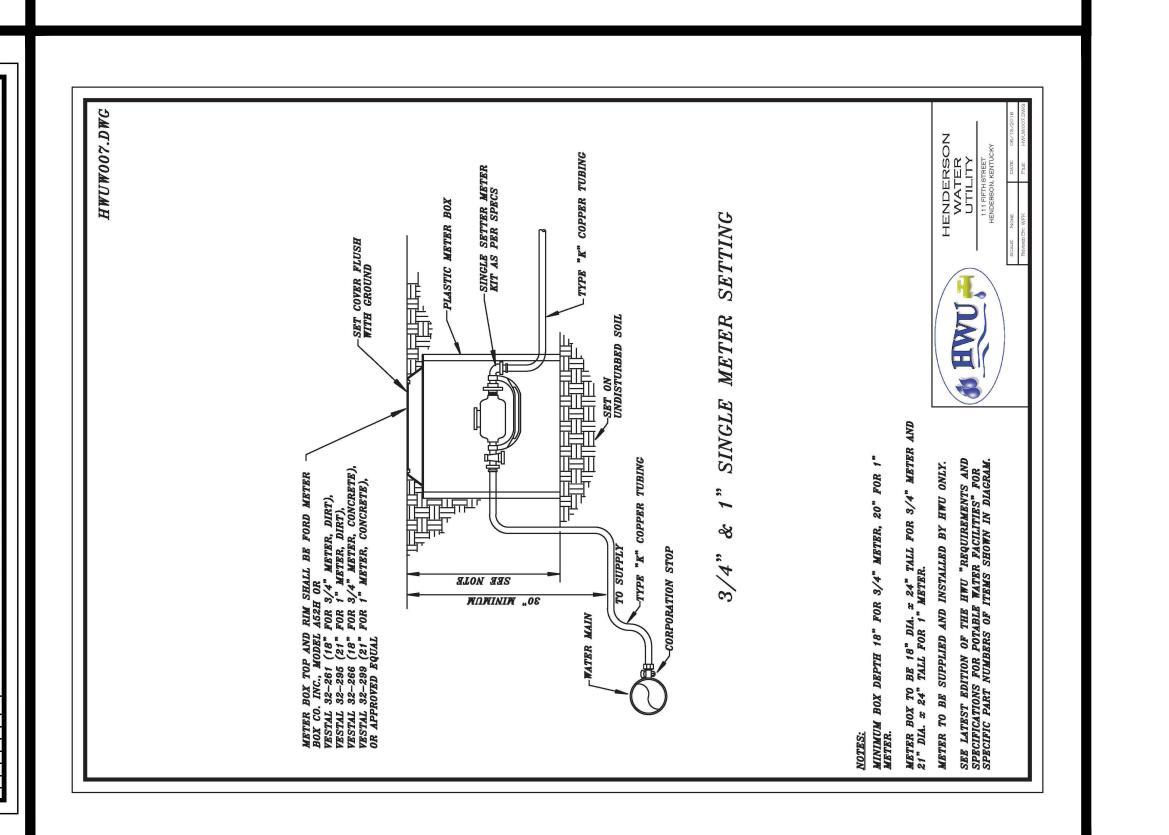














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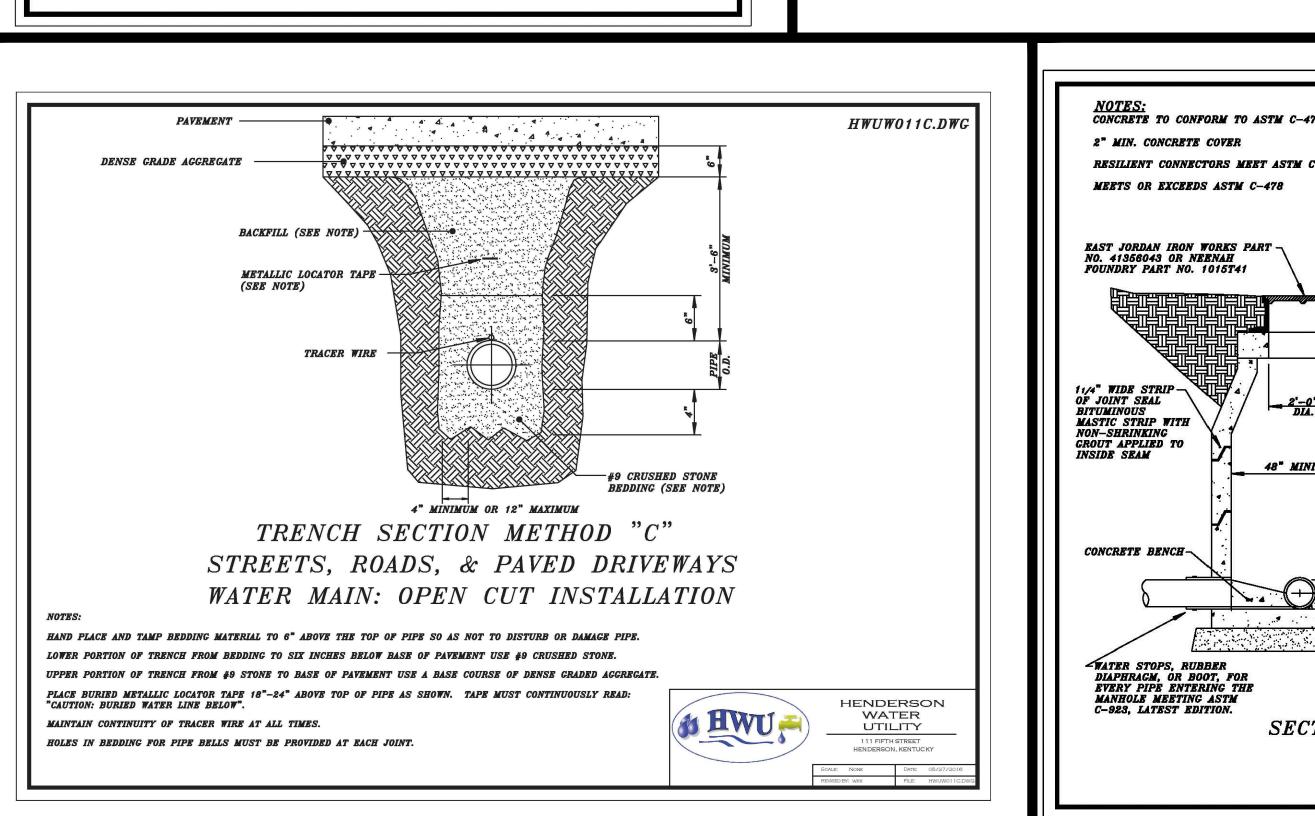
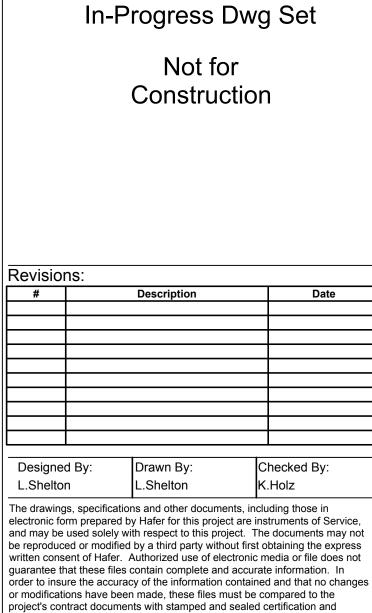


FIGURE 6-3



applicable approved modifications.

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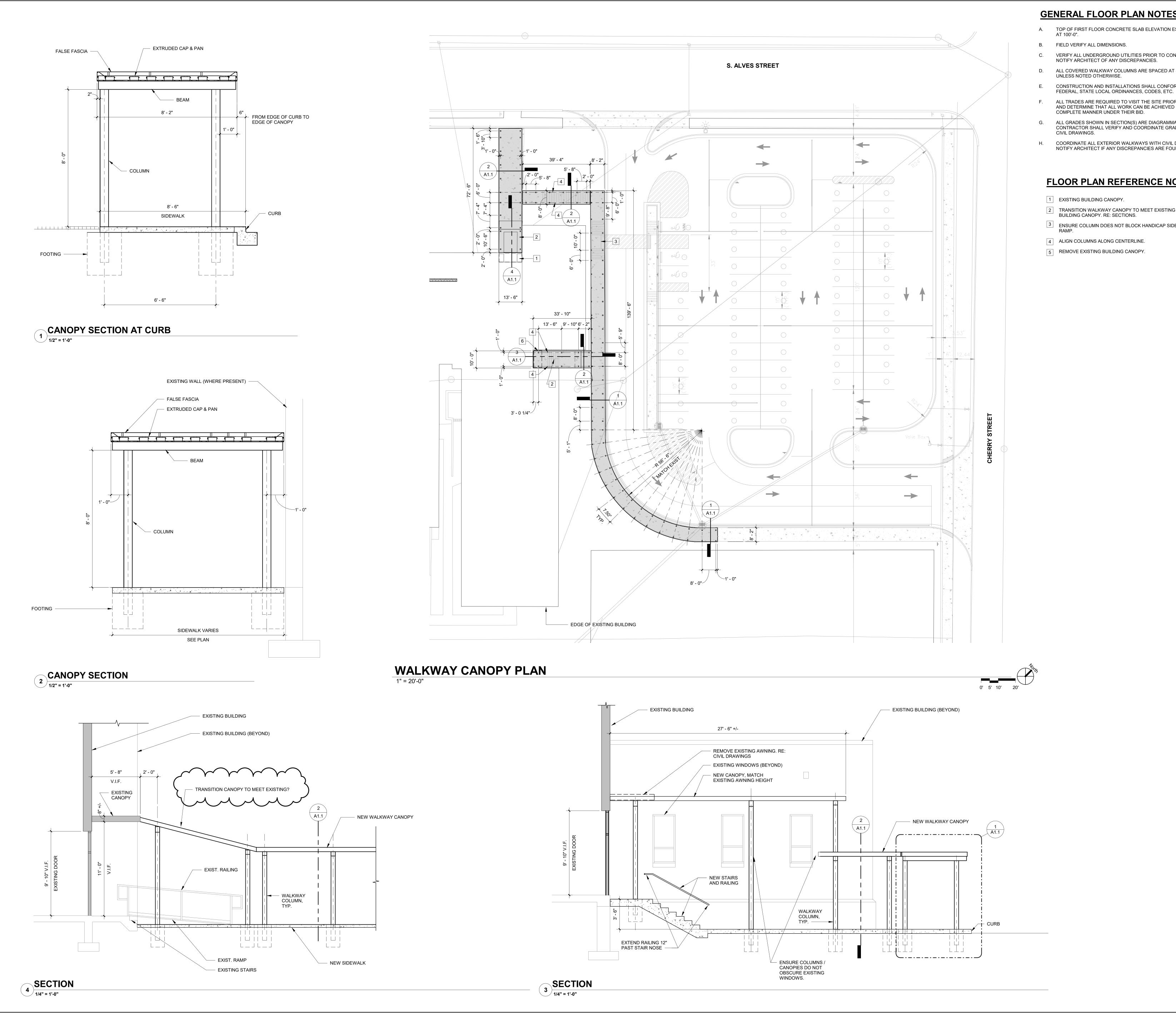
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GENERAL FLOOR PLAN NOTES:

- A. TOP OF FIRST FLOOR CONCRETE SLAB ELEVATION ESTABLISHED
- FIELD VERIFY ALL DIMENSIONS.
- VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- D. ALL COVERED WALKWAY COLUMNS ARE SPACED AT 8' 0" O.C. UNLESS NOTED OTHERWISE.
 - CONSTRUCTION AND INSTALLATIONS SHALL CONFORM TO ALL
- ALL TRADES ARE REQUIRED TO VISIT THE SITE PRIOR TO BIDDING AND DETERMINE THAT ALL WORK CAN BE ACHIEVED IN A COMPLETE MANNER UNDER THEIR BID.
- ALL GRADES SHOWN IN SECTION(S) ARE DIAGRAMMATIC. CONTRACTOR SHALL VERIFY AND COORDINATE GRADES WITH
- H. COORDINATE ALL EXTERIOR WALKWAYS WITH CIVIL DRAWINGS. NOTIFY ARCHITECT IF ANY DISCREPANCIES ARE FOUND.

FLOOR PLAN REFERENCE NOTES:

- 1 EXISTING BUILDING CANOPY.
- 2 TRANSITION WALKWAY CANOPY TO MEET EXISTING BUILDING CANOPY. RE: SECTIONS.
- 3 ENSURE COLUMN DOES NOT BLOCK HANDICAP SIDEWALK
- 4 ALIGN COLUMNS ALONG CENTERLINE.
- 5 REMOVE EXISTING BUILDING CANOPY.

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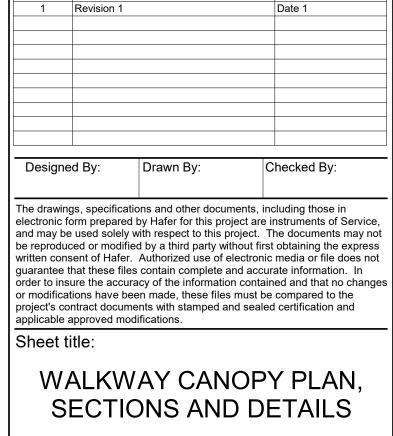
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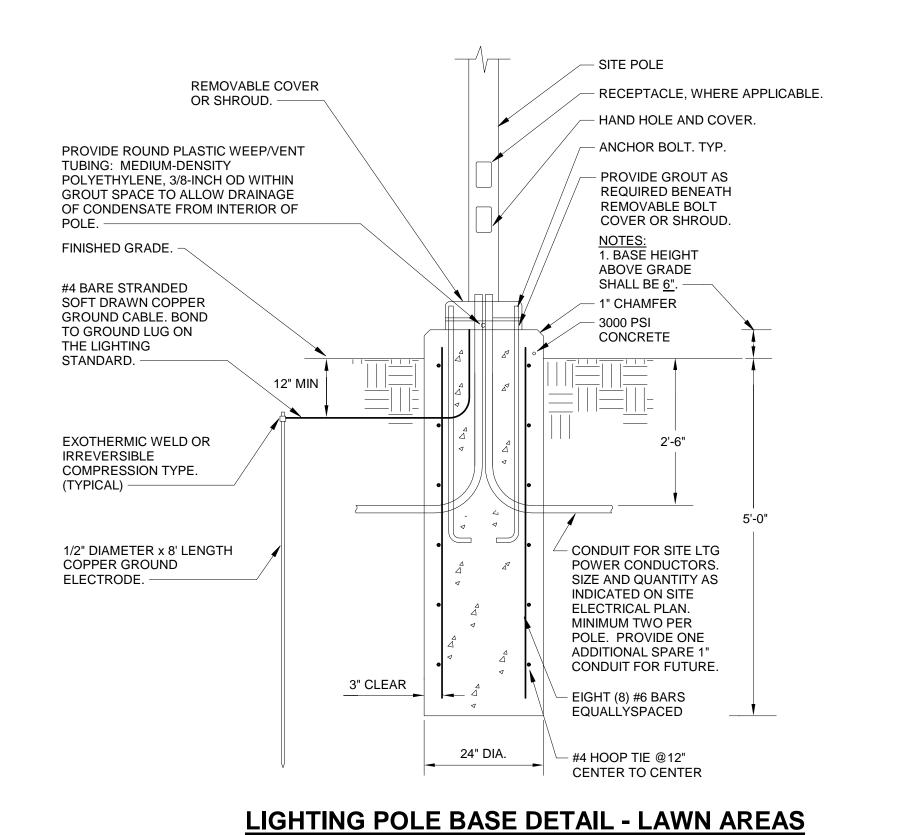
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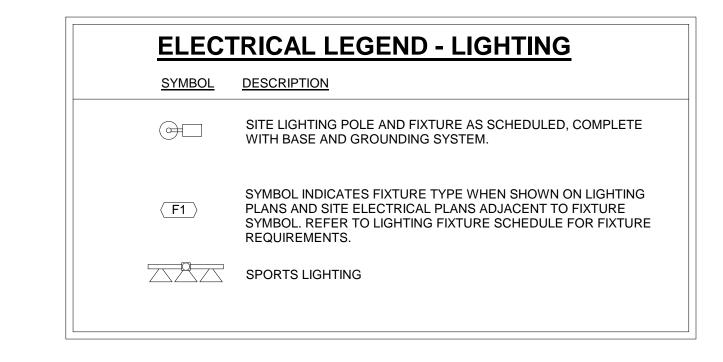
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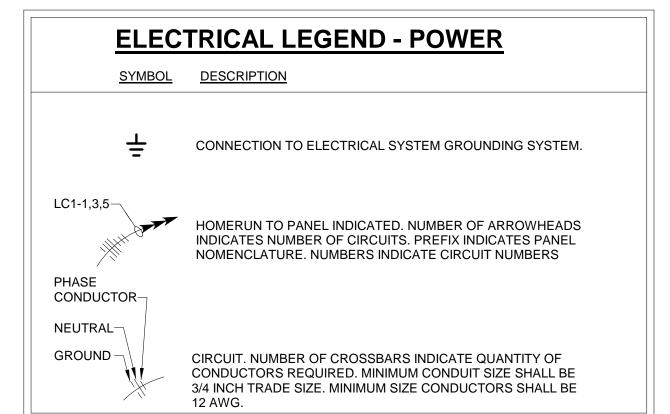
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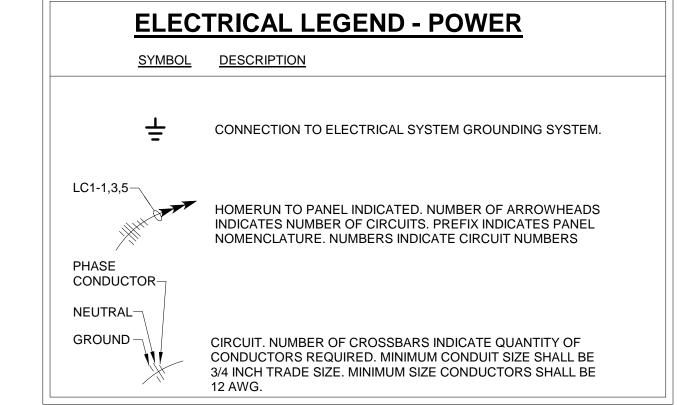


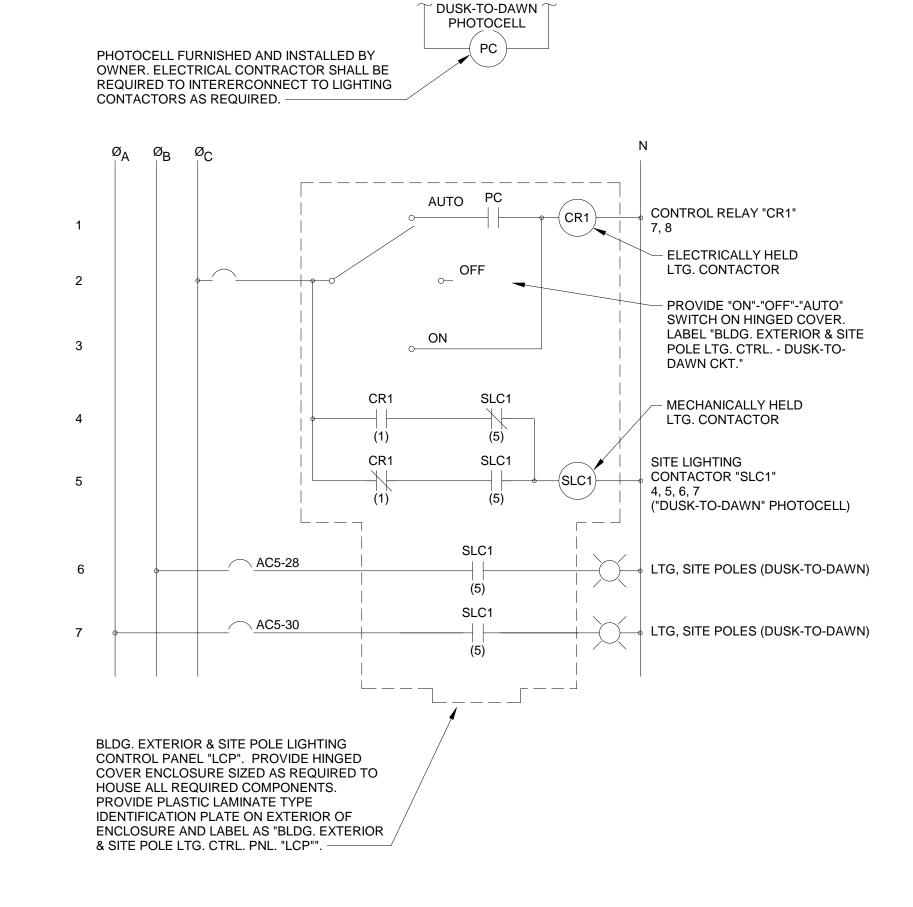
FIXTURE & POLE TYPE "S254" & "S3"

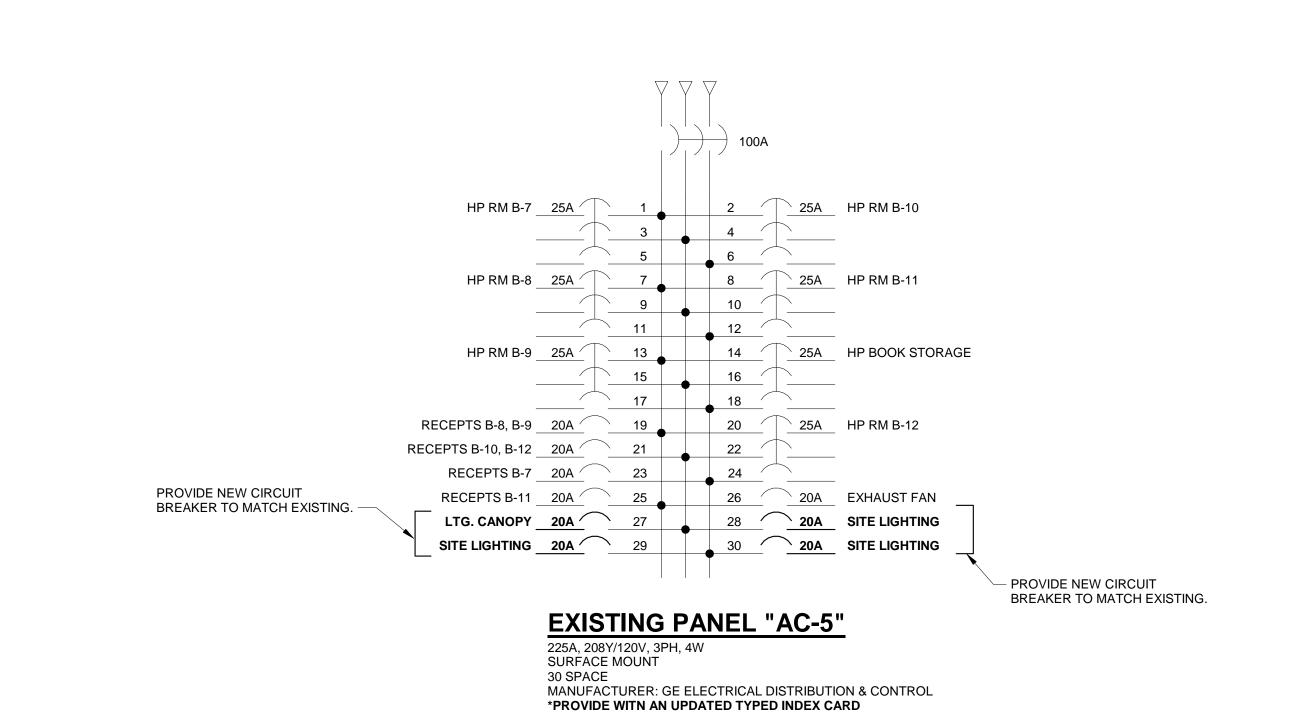
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BLDG. EXTERIOR AND SITE LIGHTING CONTROL DIAGRAM

LIGHTING FIXTURE SCHEDULE CONTINUED													
SYMBOL	DESCRIPTION	MANUFACTURER	FIXTURE SERIES	LAMP		FIXTURE	DALLACT	MOUNTING		LIGHT CONTROL		REMARKS	
				TYPE	QNTY PER FIXTURE	WATTS	VOLTAGE	BALLAST	MOUNTING LE	LENS	REFLECTOR	LOUVER FINISH	REWARRS
⟨S2⟩	12" ROUND SURFACE MOUNT FIXTURE WITH WHITE FINISH SUITABLE FOR USE IN CANOPY APPLICATIONS. 1000 LUMEN OUTPUT.	LITHONIA	OLCFM SERIES	LED 4000K (50,000 HRS WITH 80% LUMEN MAINTENANCE) 80 CRI	QTY AS REQUIRED (NOMINAL FIXTURE INPUT WATTS)	(NOMINAL FIXTURE	IINAL		SURFACE	POLYCARBONATE			
S2B)	SAME AS FIXTURE TYPE "S1B" WITH THE ADDITION OF AN INTEGRAL INVERTER AND BATTERY BACK-UP SYSTEM CAPABLE OF OPERATING FIXTURE UPON LOSS OF NORMAL POWER SOURCE FOR MINIMUM OF 90 MINUTES CONTINOUSLY WITH AN OUTPUT OF 1000 LUMENS.												
\$3 >													
√ <u>S254</u> ⟩	25' ROUND TAPERED STEEL SITE POLE AND TWO (@180°) LIGHTING FIXTURE FOR AREA ILLUMINATION. FIXTURE SHALL BE FORMED DIE-CAST ALUMINUM HOUSING. FIXTURE AND POLE SHALL HAVE A CUSTOM POWDER COAT FINISH. FIXTURE SHALL BE PROVIDED WITH TYPE T4M DISTRIBUTION.	LITHONIA	D SERIES, TYPE 0 (700mA, 40C)	LED (WHITE) 4000K CRI: 80 RATED LIFE: L96=100,000	AS REQ'D	91 (MAX)	MVOLT		POLE		TYPE III		FIXTURE FINISH SHALL BE SELECTED DURING SHOP DRAWING REVIEW FROM MANUFACTURER'S FULL LINE OF STANDARD FINISHES. SEE BASE DETAIL, THIS SHEET FOR ADDITIONAL REQUIREMENTS.

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ELECTRICAL DETAILS & BUSSING DIAGRAMS

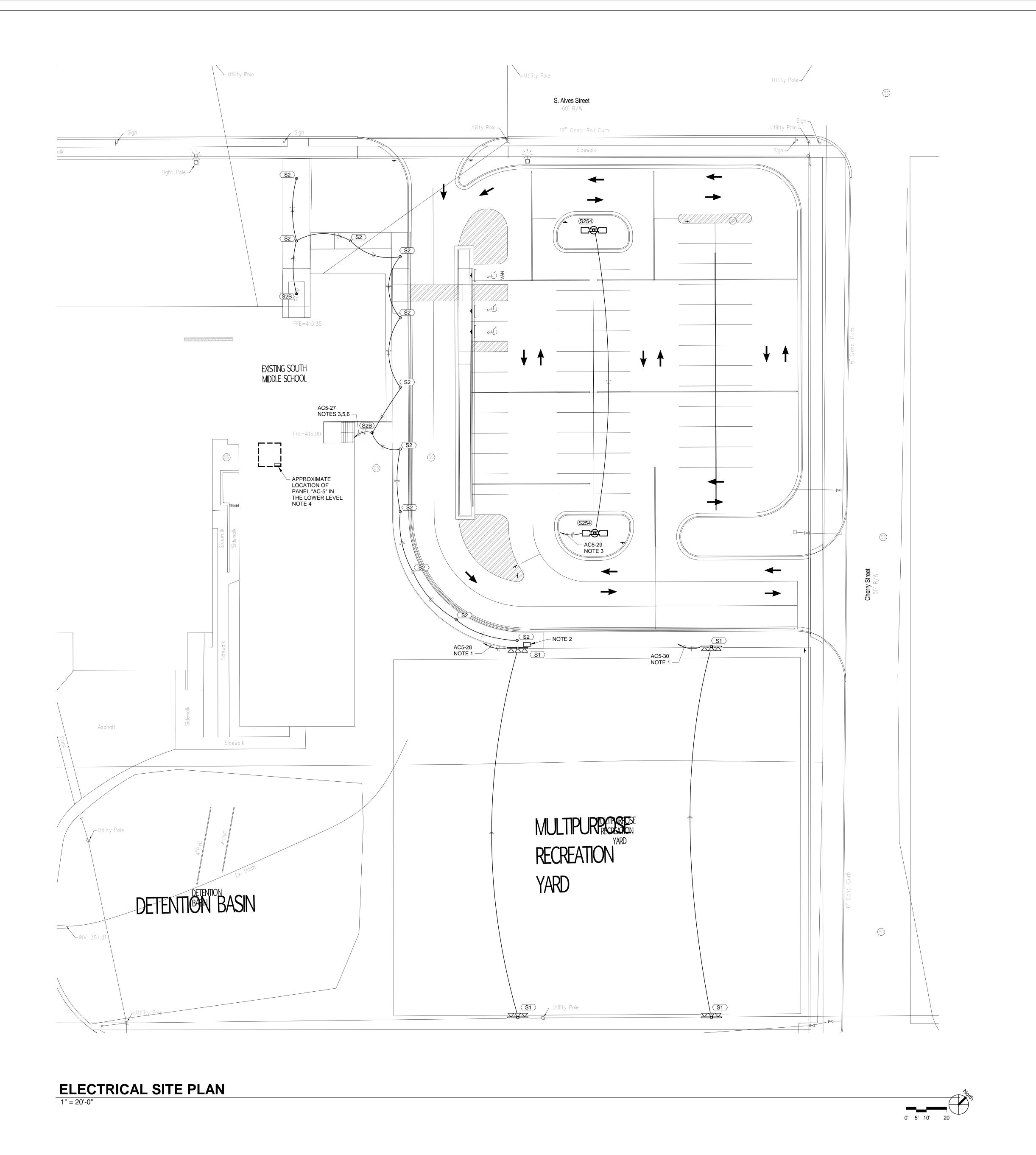
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Revisions:



NOTES:

1. ROUTE CIRCUITS THROUGH CONTROL BOX AT BASE OF POLE NEAREST SCHOOL.

2. PROVIDE NEMA 3R ENCLOSURE (SIZED AS REQUIRED) MOUNTED AT THE BASE OF THE POLE FOR CONTROL. PROVIDE MOMENTARY LIGHT SWITCH CONTACTORS FOR EACH OF TWO CIRCUITS WITHIN ENCLOSURE FOR CONTROL OF SPORTS LIGHTING. ENCLOSURE SHALL BE LOCKABLE. COORDINATE EXACT LOCATION OF ENCLOSURE AND INSTALLATION REQUIREMENTS WITH OWNER AND ENGINEER PRIOR TO ROUGH-IN.

3. ROUTE CIRCUITS THROUGH LIGHTING CONTACTOR LOCATED ADJACENT TO PANEL "AC-5".

4. PROVIDE FOUR-POLE LIGHTING CONTACTOR ADJACENT TO PANEL "AC-5". REFER TO LIGHTING CONTROL DIAGRAM, SHEET E1.1, FOR ADDITIONAL REQUIREMENTS.
5. PROVIDE "HOT" CONDUCTOR TO BATTERY FIXTURE OUTSIDE OF CIRCUIT ROUTED THROUGH LIGHTING CONTACTOR.

6. COORDINATE ROUTING OF CONDUITS INTO AND WITHIN CANOPY WITH PROVIDER AND ENGINEER PRIOR TO ROUGH-IN. ANY EXPOSED CONDUITS SHALL BE PAINTED TO MATCH CANOPY FINISH.

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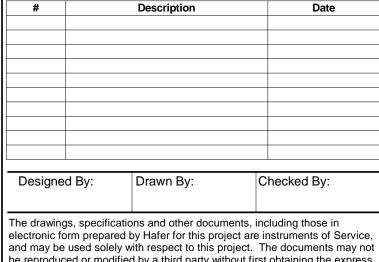
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SITE PLAN

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