IMPROVEMENT PLANS FOR
WVU MEDICINE
JEFFERSON MEDICAL CENTER WEST ADDITION
300 S. PRESTON ST.
CITY OF RANSON, WEST VIRGINIA



VICINITY MAP
TAX MAP 7 PARCELS 3-8,10-11,15,17-18, 104-106
SCALE: 1" = 500'

SHEET INDEX

SHEET No.	DESCRIPTION
1	COVERSHEET
2	LEGEND AND NOTES
3	FINAL SITEPLAN
4	EXISTING CONDITION AND DEMOLITION PLAN
5	PAVING, STRIPING & DIMENSION PLAN
6	SITE UTILITIES PLAN
7	WATER, SEWER AND SITE PROFILES
8	GRADING, STORM DRAIN AND SEDIMENT CONTROL PLAN
9	STORM DRAIN PROFILES
10	STORM DRAIN PROFILES
11	SWM DETAILS & RETAINING WALLS
12	STORMWATER MANAGEMENT NOTES AND DETAILS
13	SITE NOTES AND DETAILS
14	SITE NOTES AND DETAILS
15	WATER AND SEWER DETAILS
16	SITE DETAILS
17	LANDSCAPE PLAN
18	LANDSCAPE NOTES AND DETAILS
19	SEDIMENT & EROSION CONTROL NOTES AND DETAILS
20	SEDIMENT & EROSION CONTROL NOTES AND DETAILS
21	CURB RAMP GRADING DETAIL
E608	ELECTRICAL SITE PHOTOMETRICS

THE RANSON PLANNING COMMISSION APPROVES THIS SITE PLAN/IMPROVEMENT PLAN ON___/___/___ WITH THE FOLLOWING CONDITIONS:

1. _____
2. _____
3. _____

_____
PLANNING COMMISSION PRESIDENT'S SIGNATURE DATE

THE OWNER OF THIS PROPERTY HEREBY AFFIRMS THAT THESE PLANS MEET THE REQUIREMENTS OF THE RANSON ZONING AND SUBDIVISION ORDINANCES AND THE ABOVE CONDITIONS OF APPROVAL SET FORTH BY THE RANSON PLANNING COMMISSION.

_____
OWNER'S SIGNATURE DATE

DISTURBED AREA QUANTITIES

THE TOTAL AREA TO BE DISTURBED SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE APPROXIMATELY 4.16 ACRES AND THE TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO BE APPROXIMATELY 14,075 C.Y. OF EXCAVATION AND 1,837 C.Y. OF FILL.

* THESE QUANTITIES ARE APPROXIMATE AND SHALL NOT BE USED BY THE CONTRACTOR FOR BIDDING PURPOSES.

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THESE SEALED PLANS REASONABLY MEET OR EXCEED MINIMUM ACCEPTABLE ENGINEERING STANDARDS AND THOSE STATE AND COUNTY CODE PROVISIONS APPLICABLE ON SAID DATE.

JOSEPH H. CECI, P.E. 9/2/26
JOSEPH H. CECI, P.E. DATE

SOILS		HYDRAULIC SOILS GROUP
Ub	URBAN LAND	D

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
300S PRESTON STREET
RANSON, WEST VIRGINIA 25438
MR. BRADLEY FREEMAN
PH: 304-596-2847 (EXT. 232847)

Kahler Slater
WVU Medicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A LEIDOS Company

PREPARED BY

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM
FOX & ASSOCIATES INC. Est. 1966

JOSEPH H CECI REGISTERED PROFESSIONAL ENGINEER 16914 STATE OF WEST VIRGINIA
9/2/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA.
LICENSE No.: 16914 EXP. DATE: 12/31/26

DATE	REVISION

PROJECT NO. 25-32256
DRAWING NO. D-
DATE: SEPTEMBER 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 1 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:26:31 PM, JCECI.11

LEGEND

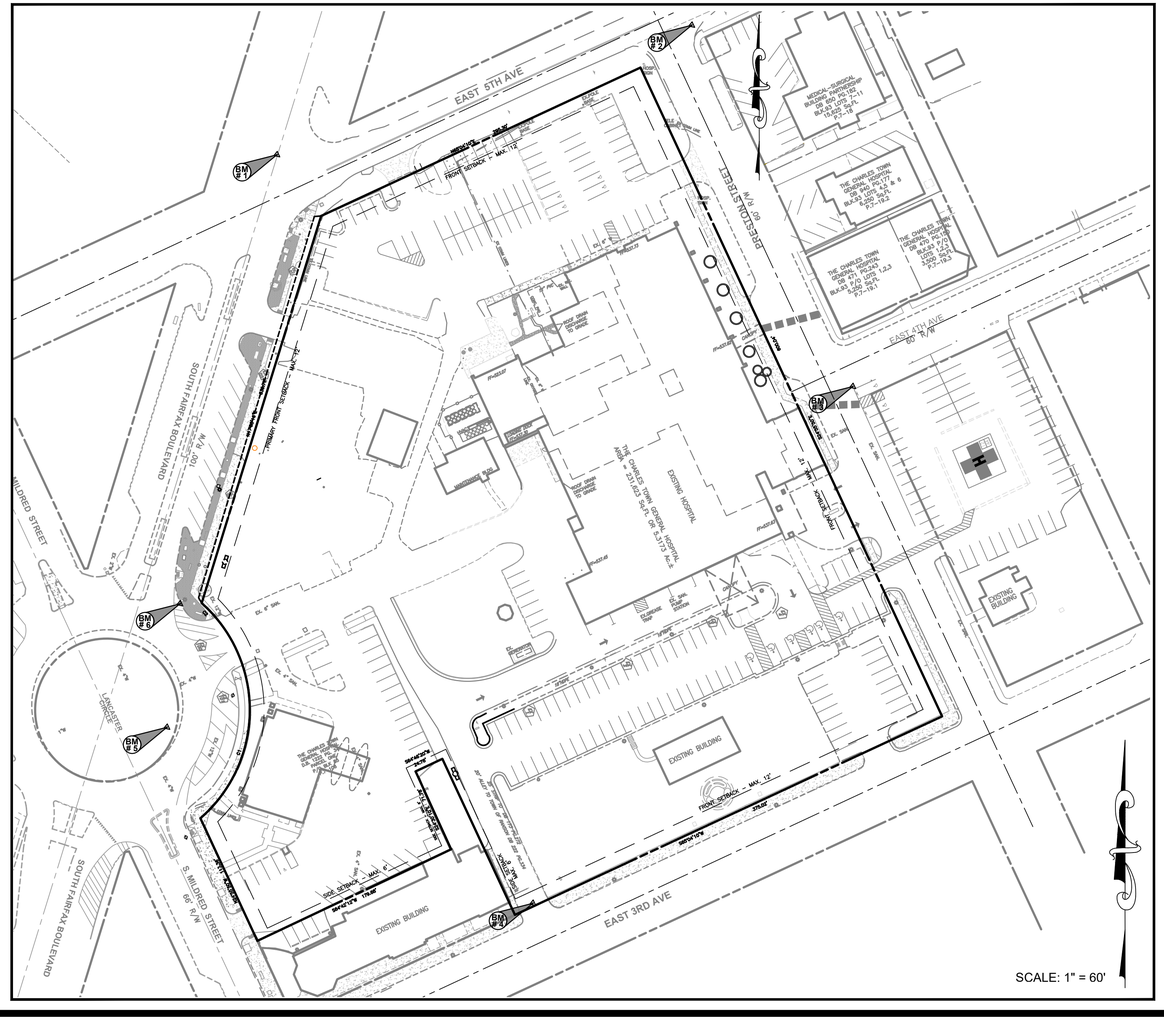
- 658 — EX. CONTOUR (2' INTERVAL)
- 660 — EX. CONTOUR (10' INTERVAL)
- 658 — PROP. CONTOUR (2' INTERVAL)
- 660 — PROP. CONTOUR (10' INTERVAL)
- SOILS LINE
- PROPOSED STORM DRAIN
- EXIST. WATER
- PROPOSED WATERLINE
- PROPOSED FIRE HYDRANT
- CITY/COUNTY CORPORATE LIMITS
- LIMITS OF DISTURBANCE
- TP — TEST PIT
- BM — BENCHMARK – HORIZONTAL & VERTICAL CONTROL POINT
- TRENCH REPAIR & OVERLAY
- FULL DEPTH ASPHALT PAVEMENT
- STATION / CENTERLINE
- $r^{R/W}$ — RIGHT–OF–WAY LINE
- CURB & GUTTER
- EXIST. BUILDING
- PROPERTY LINE
- EXIST UTILITY POLE
- TREE LINE
- SINGLE TREE
- EXIST. SIGNS
- STREAM
- SF — SILT FENCE
- SSF — SUPER SILT FENCE
- FL–12 — COMPOST FILTER LOG
- INLET PROTECTION
- EXISTING GUARD RAIL
- LOD — LIMITS OF DISTURBANCE
- /// — DEMOLITION LINE
- GAS — PROP. GAS
- UGE — UNDERGROUND ELECTRIC
- UGFO — UNDERCROUND FIBER OPTIC
- GAS — EXIST. GAS
- PROP, SEWER
- EXIST. SEWER
- EXIST. EASEMENT
- PROP. EASEMENT
- EXISTING PAVEMENT TO BE REMOVED
- NEW FULL DEPTH ASPHALT PAVEMENT

ABBREVIATIONS

ALCMP	ALUMINIZED CORRUGATED METAL PIPE
AGIP	AT GRADE INLET PROTECTION
BF	BASEMENT FLOOR
BM	BENCHMARK
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
COG	CURB INLET ON GRADE
CONC	CONCRETE
COS	CURB INLET IN SUMP
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
E	EXISTING
EQ	EQUAL
ESMT	EASEMENT
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EX	EXISTING
FF	FIRST FLOOR
FH	FIRE HYDRANT
FL	FILTER LOG
FULL e	FULL SUPER ELEVATION
FUT	FUTURE
INV	INVERT
LF	LINEAR FEET
LOD	LIMITS OF DISTURBANCE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
NC	NORMAL CROWN
P	PROPOSED
PAD	ELEVATION FOR STRUCTURAL FILL
PC	POINT OF CURVATURE
PGL	PROPOSED GRADE LINE
PL	PROPERTY LINE
PR	PROPOSED
PROP	PROPOSED
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
RC	REMOVE CROWN
RCP	REINFORCED CONCRETE PIPE
RW	RIGHT–OF–WAY
S	SEWER (SANITARY)
SAN	SEWER (SANITARY)
SCE	STABILIZED CONSTRUCTION ENTRANCE
SF	SILT FENCE
SSF	SUPER SILT FENCE
SW	SIDEWALK
SWM	STORMWATER MANAGEMENT
TEMP	TEMPORARY
TP	TEST PIT
TRAV PT	TRAVERSE POINT
TYP	TYPICAL
VF	VERTICAL FEET
W	WATER
W/L	WATERLINE
WT	WATER TIGHT

GENERAL NOTES

1. THE SITE IS KNOWN AS LANDS THE CHARLES TOWN GENERAL HOSPITAL BY DEED BOOK 1222 AT PAGE 344 DATED MAY 2, 2019. JEFFERSON COUNTY TAX MAP No. 7, PARCELS 3–8,10–11,15,17–18, 104–106.
2. CONTRACTOR SHALL CAREFULLY EXAMINE THE CONSTRUCTION DOCUMENTS, ACQUAINT THEMSELVES WITH ALL GOVERNING LAWS AND CODES, VISIT THE SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS BEFORE SUBMITTING A BID.
3. THESE DOCUMENTS ARE NOT FINAL, VALID AND READY FOR USE UNLESS SEALED, SIGNED, AND DATED.
4. ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN STRICT COMPLIANCE WITH THE WEST VIRGINIA DEPARTMENT OF HIGHWAYS "STANDARD SPECIFICATIONS, ROADS & BRIDGES," LATEST REVISION. THE CHARLES TOWN UTILITY BOARD STANDARDS AND SPECIFICATIONS, AND THE CITY OF RANSON STANDARDS AND SPECIFICATIONS.
5. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION WHEN NOT SPECIFIED. IF CLEARANCE IS LESS THAN SPECIFIED ON THIS PLAN OR LESS THAN 12 INCHES, CONTACT THE FREDERICK CITY DIVISION OF ENGINEERING INSPECTOR AND FOX & ASSOCIATES, INC. BEFORE PROCEEDING WITH CONSTRUCTION.
6. THERE IS NO 100 YEAR FLOODPLAIN ON THE PROJECT SITE AS DETERMINED PER FEMA FLOOD INSURANCE RATE MAP NO. 54037C0136E, DATED DECEMBER 18, 2009.
7. THERE ARE NO WETLANDS ON SITE PER THE NATIONAL WETLANDS INVENTORY MAP FOR RANSON, WV.
8. CONTRACTOR SHALL WEST VIRGINIA 811 AT 811 OR 1–800–245–4848, SEVENTY–TWO (72) HOURS PRIOR TO START OF CONSTRUCTION.
9. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS BEFORE BEGINNING CONSTRUCTION.
10. ALL CONSTRUCTION STATIONING IS APPROXIMATE AND MAY BE ADJUSTED IN ORDER TO MEET FIELD CONDITIONS, CONTACT FOX & ASSOCIATES, INC. PRIOR TO MAKING ANY MODIFICATIONS.
11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE UTILIZATION OF MEN, MATERIALS, EQUIPMENT OR SAFETY MEASURES IN THE PERFORMANCE OF ANY WORK ON THIS PROJECT.
12. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR PERFORMING THE WORK CORRECTLY AND IN CONFORMANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
13. ALL MATERIALS EXCAVATED WHICH IS UNSUITABLE FOR BACKFILL SHALL BE DISPOSED OF AT AN APPROVED LOCATION.
14. THIS PLAN WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT AND MAY NOT INDICATE ALL ENCUMBRANCES ON THE PROPERTY.
15. VERTICAL DATUM IS BASED UPON NAVD88. THE HORIZONTAL IS BASED UPON WEST VIRGINIA COORDINATE SYSTEM OF 1983 NORTH ZONE.
16. AERIAL TOPOGRAPHY BY FOX & ASSOCIATES, INC. DATED JULY, 2019. ADDITIONAL FIELD RUN TOPOGRAPHY BY FOX & ASSOCIATES, INC. DATED SEPTEMBER 2022, OCT. AND DEC, 2025.
2. PAVING, CURB AND GUTTER AND FINE GRADING CONTRACTOR(S) SHALL BE RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE WITHIN ALL PROPOSED WORK AREAS AT ALL TIMES.
3. EXPANSION JOINT TO BE PLACED BETWEEN JOINTS OF NEW CONCRETE AND EXISTING CONCRETE.
4. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITIES TO MATCH PROPOSED GRADE.
5. FOX & ASSOCIATES, INC. HAS PERFORMED NO SUBSURFACE INVESTIGATION TO DETERMINE LOCATIONS OF ROCK, DIFFERENT SOIL TYPES, WATER TABLES, UTILITIES, ETC.
6. ANY BLASTING REQUIRED FOR SITE CONSTRUCTION SHALL REQUIRE THE CONTRACTOR TO OBTAIN PROPER PERMITS AND PERFORM BLASTING OPERATIONS IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS.
7. ALL 8" WATER LINE TO BE DI CL. 52, ALL 6" WATER LINE TO BE DI CL. 54.
8. PLACE 4" MINIMUM OF TOPSOIL IN ALL GREEN AREAS BEFORE PERMANENT SEEDING IS PERFORMED.
9. EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE RECORDS. THE CONTRACTOR SHALL TEST PIT IN THE AREA OF KNOWN UTILITIES TO VERIFY SIZE, ELEVATION, LOCATION AND TYPE PRIOR TO PERFORMING ANY WORK. ANY UTILITY, WHETHER SHOWN OR NOT, THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER. SHOULD THE CONTRACTOR DISCOVER DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS, THE OWNER IS TO BE NOTIFIED IMMEDIATELY. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT THE AUTHORIZATION OF THE OWNER, THEN THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR SAID CORRECTIONS OR ADJUSTMENTS.
10. ANY NECESSARY ADJUSTMENTS TO EXISTING MANHOLES, VALVE BOXES, ETC., ARE TO BE DONE SO BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ANY EXISTING FENCES, DRIVEWAYS, SIGNS, DRAINAGE PIPES, MAILBOXES, SHRUBS, TREES, ETC. DAMAGED OR REMOVED DURING CONSTRUCTION. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL OR BETTER.
11. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE FHWA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE WVDOH MANUAL ON TEMPORARY TRAFFIC CONTROL FOR STREETS AND HIGHWAYS, LATEST EDITIONS.
12. ALL BENCHMARKS SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION UNTIL CITY HAS GRANTED FINAL APPROVAL TO THE PROJECT.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING DUST, DIRT, DEBRIS AND MUD FROM ENTERING ALL ROADWAYS. IF DUST, DIRT, DEBRIS AND MUD HAPPEN TO OVERRIDE PREVENTION MEASURES AND ENTER THE ROADWAY, THE CONTRACTOR SHALL BE REQUIRED TO CLEAN THE ROADWAY AS SOON AS POSSIBLE, AT HIS/HER EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELIMINATION OF DUST IN THE AIR BY THE REQUIRED WATERING OF THE GROUND AS NEEDED.
14. ONLY STEEL FORMS TO BE USED WHILE PLACING SIDEWALK FOR STRAIGHT SECTIONS AND RADII GREATER THAN TWO HUNDRED (200) FEET.
15. THE CONTRACTOR SHALL NOT (1) STAGE WORK, (2) STORE MATERIALS OR (3) PERMIT PARKING OF EQUIPMENT AND/OR CONSTRUCTION–RELATED VEHICLES IN THE PUBLIC RIGHTS–OF–WAY OR PUBLICLY–OWNED PROPERTY. IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO ENSURE THAT PROPER AND APPROPRIATE AREAS ARE SECURED FOR THESE USES FOR THE DURATION OF THE PROJECT.
16. ON–SITE UTILITIES SHALL COMPLY WITH CITY PLUMBING CODE REQUIREMENTS.
17. IF ROAD OR ANY PART OF ROAD IS TO BE CLOSED, A DETAILED DETOUR AND/OR CLOSURE PLAN SHALL BE SUBMITTED TO THE CITY TRAFFIC ENGINEER FOR APPROVAL.
18. IF TEMPORARY PARKING, INGRESS/EGRESS OR PEDESTRIAN RESTRICTIONS SHALL BE REQUIRED DURING PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING SIGNS AND NOTIFYING ALL AFFECTED RESIDENTS/BUSINESSES AT LEAST 1 DAY IN ADVANCE. CONTRACTOR IS RESPONSIBLE FOR CONTACTING APPROPRIATE CITY OR COUNTY AUTHORITY BEFORE ANY OF THE ABOVE MODIFICATIONS ARE ENACTED.
19. THE SITE SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE WEST VIRGINIA ACCESSIBILITY CODE, THE AMERICAN DISABILITIES ACT 2010 (ADA), AND ANSI A117.1. IF THERE ARE CONFLICTING REQUIREMENTS, THE MOST STRINGENT SHALL APPLY.
20. ALL CONTRACTORS MUST COMPLY WITH ALL APPLICABLE CITY, STATE AND FEDERAL LABOR AND INDUSTRY REGULATIONS TO INCLUDE CITY SAFETY & HEALTH POLICY, OSHA, ETC.
21. DEVELOPER IS RESPONSIBLE FOR ALL COSTS RELATED TO TEMPORARY AND PERMANENT TRAFFIC CONTROL (PAVEMENT MARKINGS, SIGNAGE, SIGNALIZATION, TRAFFIC BARRIERS, FLAGGERS, ETC.).
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING SILT AND DEBRIS OUT OF STORM DRAIN SYSTEM DURING CONSTRUCTION AND SHALL CLEAN THE SYSTEM THOROUGHLY, AT THE CONTRACTOR'S EXPENSE.
23. MATERIALS USED IN THE MANUFACTURE OF PUBLIC WATER SUPPLY COMPONENTS, APPURTENANCES, PIPE, STORAGE TANK, VALVE, FIXTURE, OR OTHER MATERIALS WHICH COME IN CONTACT WITH WATER INTENDED FOR USE IN PUBLIC WATER SUPPLY MUST MEET THE APPLICABLE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)/NATIONAL SANITATION FOUNDATION (NSF 61 AND NSF 372) STANDARDS FOR DIRECT OR INDIRECT DRINKING WATER ADDITIVES, THIS APPLIES TO ANY PRODUCT WHICH COMES IN CONTACT WITH WATER INTENDED FOR USE IN PUBLIC WATER SUPPLY.
24. CITY AND SHALL INCLUDE CERTIFICATION INFORMATION FOR BOTH THE SAMPLE COLLECTOR AND LABORATORY."
25. THESE DRAWINGS REPRESENT THE FINISHED PRODUCT, THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AS WELL AS ANY ASSOCIATED SAFETY PRECAUTIONS AND PROGRAMS, AND ALL INCIDENTAL OR TEMPORARY DEVICES REQUIRED TO CONSTRUCT THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PORTIONS OF THE WORK.
26. CONTRACTOR SHALL NOT TAP OR OTHERWISE PENETRATE EXISTING SEWER MAIN LINES WITHOUT PRIOR APPROVAL. CONTRACTOR IS RESPONSIBLE TO AVOID SPILLAGE OF RAW SEWAGE. CONTRACTOR SHALL PROVIDE ALL SEWER PLUGGING AND PUMPING EQUIPMENT NECESSARY TO AVOID SPILLAGE.



BENCHMARKS

POINT #	NORTHING	EASTING	ELEVATION
BM 1	294347.2575	2432632.4085	519.18
BM 2	294455.9191	2432980.2602	547.33
BM 3	294152.9132	2433115.2733	534.91
BM 4	293719.4844	2432847.0123	539.00
BM 5	293867.1276	2432540.2154	521.04
BM 6	293970.6530	2432551.1210	519.42

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A Ligonier Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-8009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

LEGEND & NOTES

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER — 12/31/26

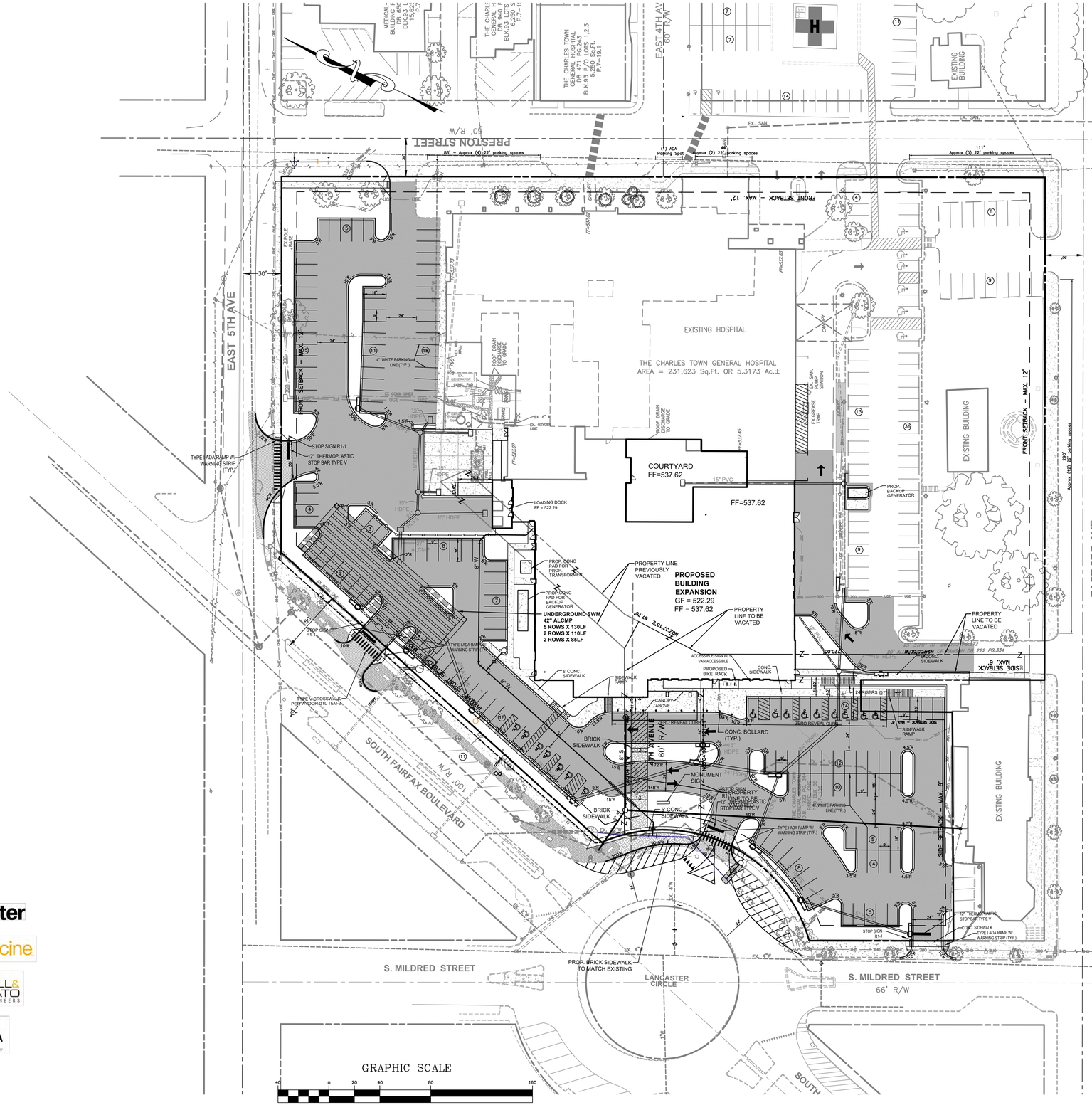
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No.: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-
DATE: SEPTEMBER 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 2 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:27:10 PM, JCECI.11



ZONING NOTES

1. **PURPOSE STATEMENT:** THE PROJECT PROPOSES TO EXPAND THE EXISTING JEFFERSON MEDICAL CENTER. THE PROPOSED BUILDING EXPANSION IS TO BE LOCATED ON THE WEST SIDE OF THE SITE AND WILL PROVIDE PHYSICAL CONNECTIONS TO THE EXISTING JEFFERSON MEDICAL CENTER. ADDITIONAL PARKING IS PROPOSED AND ADJUSTMENTS TO THE LOCATION OF THE ACCESS OFF LANCASTER CIRCLE.
2. **CURRENT ZONING DISTRICT:** T5 - TOWN CENTER
3. **USE:** CURRENT USE: HOSPITAL
   PROPOSED: HOSPITAL
4. **FLOODPLAIN**: THERE IS NO 100-YEAR FLOODPLAIN SHOWN PER FEMA FLOOD INSURANCE RATE MAP NO. 54037C0136E DATED DECEMBER 18, 2009.
5. **WETLANDS**: THERE ARE NO WETLANDS ON SITE PER THE U.S. FISH AND WILDLIFE SERVICE NATIONAL WETLANDS NATIONAL INVENTORY MAP.
6. **SITE:** THE SITE IS KNOWN AS LANDS THE CHARLES TOWN GENERAL HOSPITAL BY DEED BOOK 1222 AT PAGE 344 DATED MAY 2, 2019. JEFFERSON COUNTY TAX MAP NO. 7, PARCELS 3-8,10-11,15,17-18, 104-106.
7. VERTICAL DATUM IS BASED UPON NAVD88. THE HORIZONTAL IS BASED UPON WEST VIRGINIA COORDINATE SYSTEM OF 1983 NORTH ZONE.
8. AERIAL TOPOGRAPHY BY FOX & ASSOCIATES, INC. DATED JULY, 2019. ADDITIONAL FIELD RUN TOPOGRAPHY BY FOX & ASSOCIATES, INC. DATED SEPTEMBER 2022, OCT. AND DEC, 2025.
9. SOILS INFORMATION TAKEN FROM THE USDA-NRCS SOILS SURVEY OF JEFFERSON COUNTY, WEST VIRGINIA", SEPTEMBER 2025 EDITION.
10. UTILITIES SHOWN ARE BASED ON THE BEST AVAILABLE SOURCES. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE VERIFIED BEFORE COMMENCEMENT OF ANY CONSTRUCTION.

ZONING WAIVERS

THE FOLLOWING ZONING WAIVERS RECEIVED ADMINISTRATIVE APPROVAL FROM THE CONSOLIDATED REVIEW COMMITTEE ON FEBRUARY 10, 2026.

1. **TABLE 14. T5L / T5 STANDARDS: BUILDING PLACEMENT**
   MAXIMUM SETBACK ALLOWED ALONG BOTH THE PRIMARY AND SECONDARY FRONTAGE IS 12'. THIS IS EXCEEDED ALONG ALL FRONTAGES.
2. **TABLE 14. T5L / T5 STANDARDS: BUILDING FORM, FACADE BUILDOUT AT SETBACK**
   THE FACADE BUILDOUT AT THE SETBACK LINE IS REQUIRED TO BE A MINIMUM OF 60%. HOWEVER, THE BUILDING IS LOCATED MORE CENTRAL TO THE SITE AND DOES NOT MEET THE MAX SETBACK REQUIREMENTS. THEREFORE, THE BUILDING ALSO DOES NOT MEET THE FACADE BUILDOUT REQUIREMENTS.
3. **TABLE 14. T5L / T5 STANDARDS: BUILDING FORM, LOT WIDTH**
   THE MAXIMUM LOT WIDTH ALLOWED IS 150'. THIS IS AN EXISTING LOT AND LOT WIDTH IS EXCEEDED ALONG ALL FRONTAGES.
4. **TABLE 14. T5L / T5 STANDARDS: PARKING LOCATION**
   PARKING NOT ALLOWED BETWEEN FRONTAGE LINE TO THE FACADE OF THE PRINCIPAL BUILDING, OR THE FIRST LAYER OF THE LOT. HOWEVER, DUE TO THE FUNCTIONALITY OF THE HOSPITAL AND THE LOCATION OF THE EXISTING BUILDING, PARKING HAS BEEN LOCATED WITHIN THE FIRST LAYER. THIS ALLOWS FOR A PATIENT DROP OFF AREA AND FOR VISITORS TO THE HOSPITAL TO HAVE EASY ACCESS TO PARKING AND THE MAIN ENTRANCES OF THE EXISTING HOSPITAL AND THE PROPOSED ADDITION.

BUILDING CALCULATIONS:

PROPOSED WEST BUILDING
FINISHED SPACE IN WEST BUILDING: 60,508 SF
SHELL SPACE IN WEST BUILDING: 19,282 SF
WEST BUILDING TOTAL: 79,790 SF

HOSPITAL ADDITION (LOADING DOCK) TOTAL: 7,141 SF

TOTAL NEW FINISHED SPACES ON THE SITE: 67,649 SF

PARKING REQUIREMENTS

Use	Code Requirement	Plan info	Required Per Plan
Medical Offices and Clinics	4 spaces per doctor plus 1 space for each employee	Existing Facility: 12 doctors * 4 = 48 140 Staff = 140 spaces Building Expansion 14 doctors * 4 = 56 78 staff = 78 spaces	48+140+56+78 = 322 total
	Total Provided (includes spaces on site and off-site)		324

NOTE: PER ARTICLE 5, SECTION 5.8.4, REQURIED PARKING MAY BE PARTIALLY FULFILLED VIA ON-STREET PARKING SPACES LOCATED ALONG THE PUBLIC PARKING LANE CORRESPONDING TO THE LOT FRONTAGE.

PARKING CALCULATIONS:
154 PROPOSED PARKING SPACES
79 EXISTING PARKING SPACES TO REMAIN ON-SITE
56 EXISTING PARKING SPACES TO REMAIN AROUND HELIPAD
35 STREET PARKING SPACES

324 TOTAL

***** THE SITE CURRENTLY ONLY MEETS THE PARKING REQUIREMENTS FOR THE EXISTING HOSPITAL AND 60,508 SQ.FT OF THE WEST EXPANSION THAT WILL BE FINISHED SPACE WITH THIS PROJECT. THERE WILL BE 19,282 SQ.FT OF SHELL SPACE AVAILABLE FOR FUTURE USE IN THE WEST EXPANSION.**

JEFFERSON MEDICAL CENTER WILL BE RESPONSIBLE TO PROVIDE ADDITIONAL OFF-SITE PARKING IN ACCORDANCE WITH THE ZONING CODE AS NEEDS AND USES ARE DETERMINED AND THE SHELL SPACE IS FITTED OUT FOR USE. PARKING SHALL BE AVAILABLE WITH FINAL USE & OCCUPANCY APPROVAL.

HANDICAP SPACES REQUIRED: 8
HANDICAP SPACES PROVIDED: 22
VAN ACCESSIBLE SPACES REQUIRED: 4
VAN ACCESSIBLE SPACES PROVIDED: 5

Kahler Slater
WVU Medicine
O'Donnell & Naccarato Structural Engineers
CMTA A Licence Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

FINAL SITE PLAN

WEST VIRGINIA UNIVERSITY MEDICINE JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=40'

PROFESSIONAL CERTIFICATION

JOSEPH H. CHEW REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/29/26

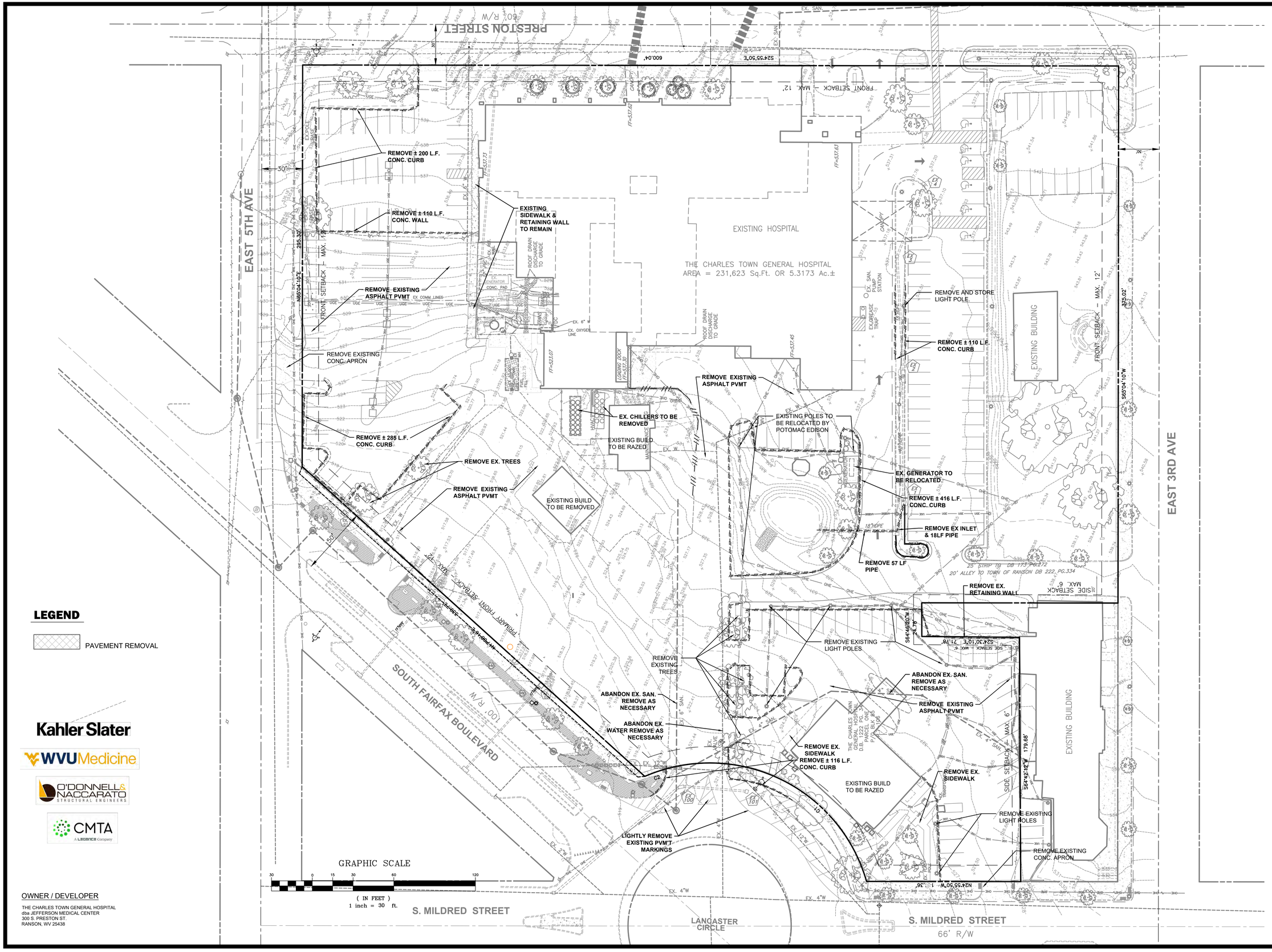
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA.

LICENSE No: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 3 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:27:36 PM, JCECI, 1:1



LEGEND

PAVEMENT REMOVAL

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853

82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-8009

WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DATE	REVISION	DRAWN BY

EXISTING CONDITIONS AND SITE DEMOLITION PLAN

WEST VIRGINIA UNIVERSITY MEDICINE JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/31/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 4 OF 21

H:\Carlson Projects\25\32256 Kahler Slater - Jefferson Medical Center\DWG\Const Docs\CD-D].dwg, 9/2/2026 4:28:15 PM, JECI, 1:1

PRESTON STREET
60' R/W
EAST 5TH AVE
EAST 3RD AVE
SOUTH FAIRFAX BOULEVARD
100' R/W
S. MILDRED STREET
66' R/W
LANCASTER CIRCLE
20' ALLEY TO TOWN OF RANSON DB 222 PG.334
EXISTING HOSPITAL
THE CHARLES TOWN GENERAL HOSPITAL
AREA = 231,623 Sq.Ft. OR 5.3173 Ac.±
COURTYARD
FF=537.62
FF=537.62
EXISTING BUILDING
EXISTING BUILDING
PROPOSED BUILDING EXPANSION
GF = 522.29
FF = 537.62
88' – Approx (4) 22' parking spaces
(1) ADA Parking Spot
Approx (2) 22' parking spaces
Approx (5) 22' parking spaces
Approx (12) 22' parking spaces
296'
111'
FRONT SETBACK – MAX. 12'
SIDE SETBACK – MAX. 6'
FRONT SETBACK – MAX. 12'
SIDE SETBACK – MAX. 6'
5' CONC. SIDEWALK
ADA CURB RAMP (TYP.)
EX. POLE & BASE
4" WHITE PARKING LINE (TYP.)
NOSE-DOWN CURB
WVDOH PLAIN CONCRETE CURB TYPE I (TYP.)
TYPE I ADA RAMP W/ WARNING STRIP (TYP.)
STOP SIGN R1-1
12" THERMOPLASTIC STOP BAR TYPE V
TYPE V CROSSWALK PER WVDOH DTL TEM-2
SAWCUT EXISTING PAVEMENT
MATCH EXISTING CURB
KEYED LONGITUDINAL JOINTS W/O TIE BARS (TYP.)
THICKENED EDGE SLAB
TRANSVERSE CONTRACTION JOINTS (TYP.)
CONC. FILLED STEEL BOLLARD (2) (TYP)
PROP. RETAINING WALL W/ HAND RAIL
COMPACTOR
LOADING DOCK FF = 522.29
PROP. CONC PAD FOR PROP. TRANSFORMER
PROP.CONC PAD FOR BACKUP GENERATOR
ROOF DRAIN DISCHARGE TO GRADE
GENERATOR CONC. PAD
EX. 6" W
EX. OXYGEN LINE
ISOLATION JOINT W/ THICKENED SLAB ALONG BUILDING
CONCRETE PAD FOR COMPACTOR
TEMPORARY STRIPING FOR LOADING AREA. TO BE REMOVED
TEMPORARY PAVEMENT FOR LOADING AREA
REPLACE CURB & GUTTER. INSTALL TOPSOIL & SEED.
INSTALL CURB & GUTTER
PROP. BACKUP GENERATOR
9'X18' CONC. PAD SEE DETAIL
5'X8' CONC. PAD
EX. GREASE TRAP
EX. SAN. FLOW STATION
CANOPY
CANOPY ABOVE
ACCESSIBLE SIGN W/ VAN ACCESSIBLE
PROPOSED BIKE RACK
CONC. SIDEWALK
SIDEWALK RAMP
ZERO REVEAL CURB PAINTED DIRECTIONAL ARROWS (TYP.)
CONC. BOLLARD (TYP.)
BRICK SIDEWALK
MONUMENT SIGN
24 RISERS @7"
PROP. RETAINING WALL W/ HAND RAIL
W1
W2
W3
WVDOH PLAIN CONCRETE CURB TYPE I (TYP.)
12" WHITE DIAGONAL TYPE V THERMOPLASTIC LINE (TYP.)
6" WHITE TYPE V THERMOPLASTIC EDGELINE (TYP.)
6" YELLOW TYPE V THERMOPLASTIC LINE (TYP.)
ONE WAY R6-1R 36"X12"
PROP. BRICK SIDEWALK TO MATCH EXISTING
WHITE YIELD TRIANGLES TYPE V THERMOPLASTIC PER WVDOH DTL TEM-3
CONC. DRIVEWAY APRON
GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

LEGEND

FULL DEPTH ASPHALT PAVEMENT

WVDOH FULL DEPTH ASPHALT PAVEMENT

(A) ACCESSIBLE PARKING SIGN R7-8, R7-8(2)
(B) VAN ACCESSIBLE PARKING SIGN R7-8, R7-8A, R7-8(2), R8-1(2)
(C) ACCESSIBLE PARKING SIGN R7-8, R7-8(2), R8-1(2)

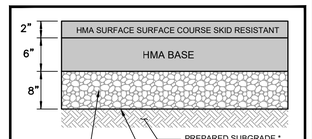
Kahler Slater
WVUMedicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE WVDOH TEMPORARY TRAFFIC CONTROL MANUAL, LATEST EDITIONS.
2. CONTRACTOR SHALL IMPLEMENT WVDOH TEMPORARY TRAFFIC CONTROL CASES A3 & A6 AS REQUIRED.
3. CONTRACTOR SHALL CONTACT KEVIN MCDONALD AT 681-320-2026 OR KEVIN.A.MCDONALD@WV.GOV TWO DAYS PRIOR TO WORKING IN THE RIGHT OF WAY AND KEN CLOHAN AT 304-350-3670 OR KENNETH.L.CLOHAN@WV.GOV TO REVIEW LAYOUT PRIOR TO PLACING SIGNS AND MARKINGS.



* MIN. 12" PROOFROLLED AND/OR COMPACTED SUBGRADE TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR (ASTM D1557)

WVDOH PAVING DETAIL
N.T.S.

FOX & ASSOCIATES INC.
Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY:
REVISION
DATE

PAVING, STRIPING & DIMENSION PLAN

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 9/2/26

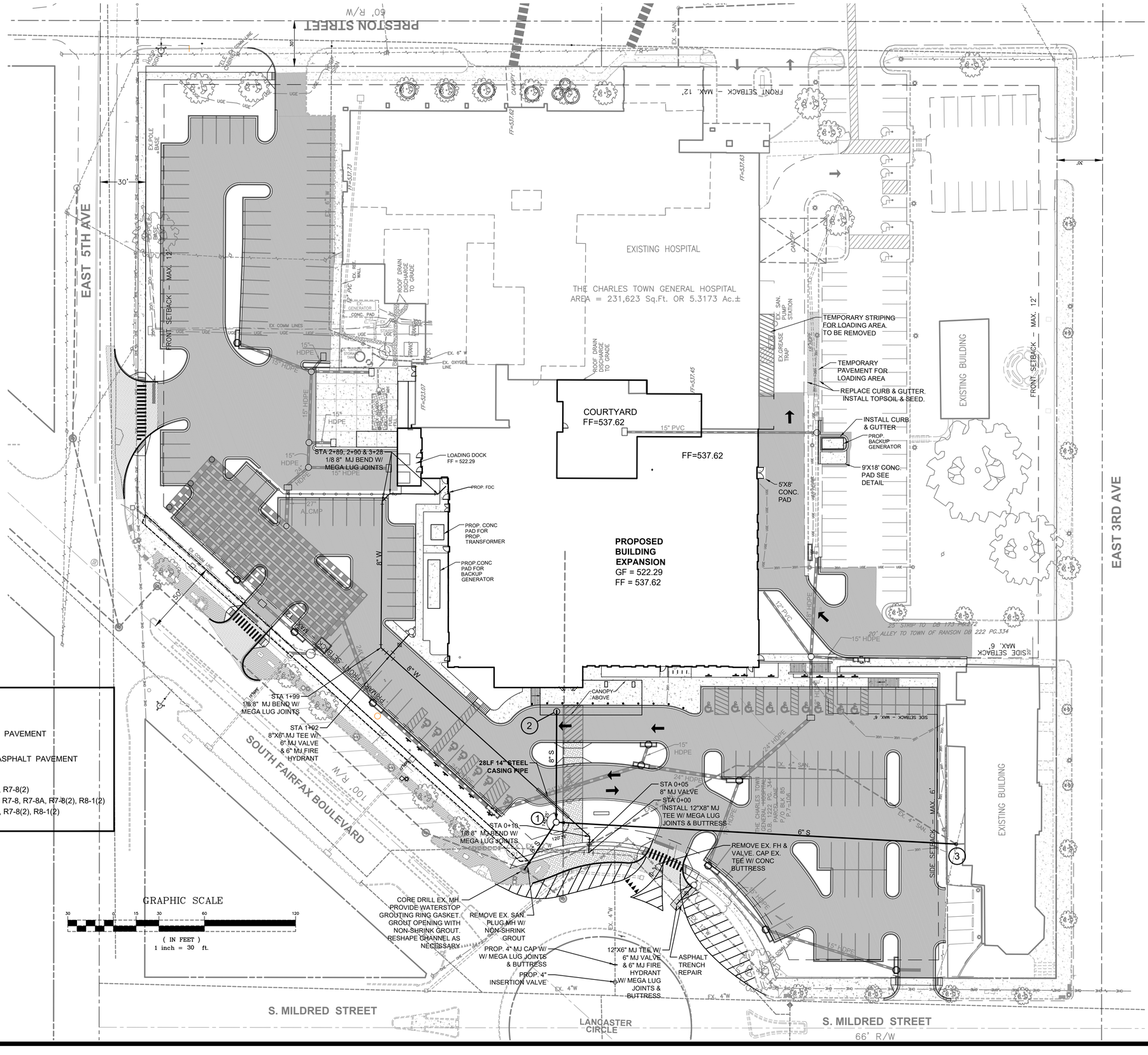
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No.: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 5 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:28:47 PM, JCECI.11



LEGEND

FULL DEPTH ASPHALT PAVEMENT

WVDOH FULL DEPTH ASPHALT PAVEMENT

(A) ACCESSIBLE PARKING SIGN R7-8, R7-8(2)
(B) VAN ACCESSIBLE PARKING SIGN R7-8, R7-8A, R7-8(2), R8-1(2)
(C) ACCESSIBLE PARKING SIGN R7-8, R7-8(2), R8-1(2)

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

Kahler Slater

WVUMedicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DATE	REVISION	DRAWN BY

SITE UTILITIES PLAN

WEST VIRGINIA UNIVERSITY MEDICINE JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/31/26

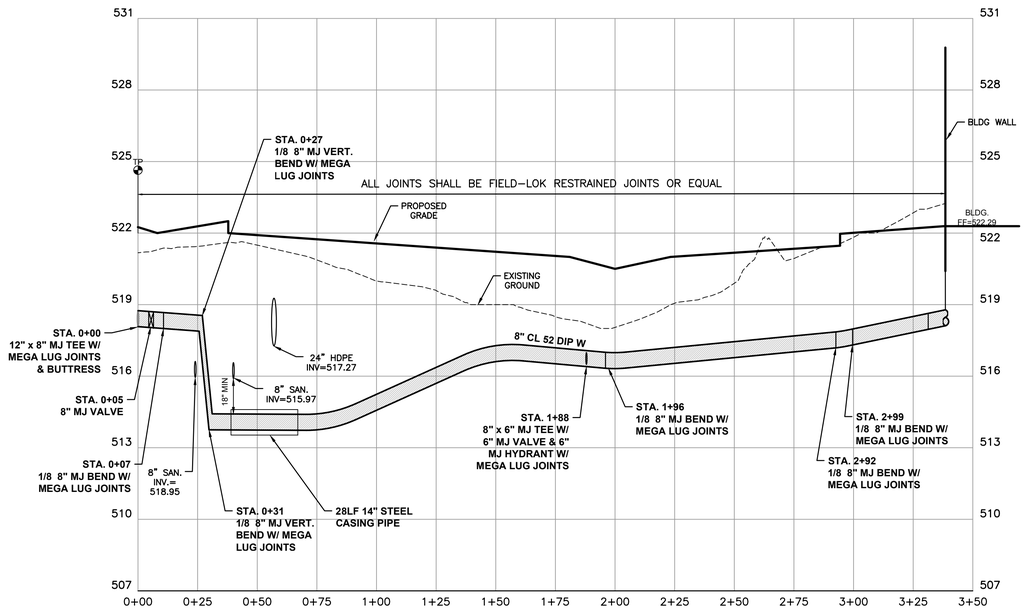
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

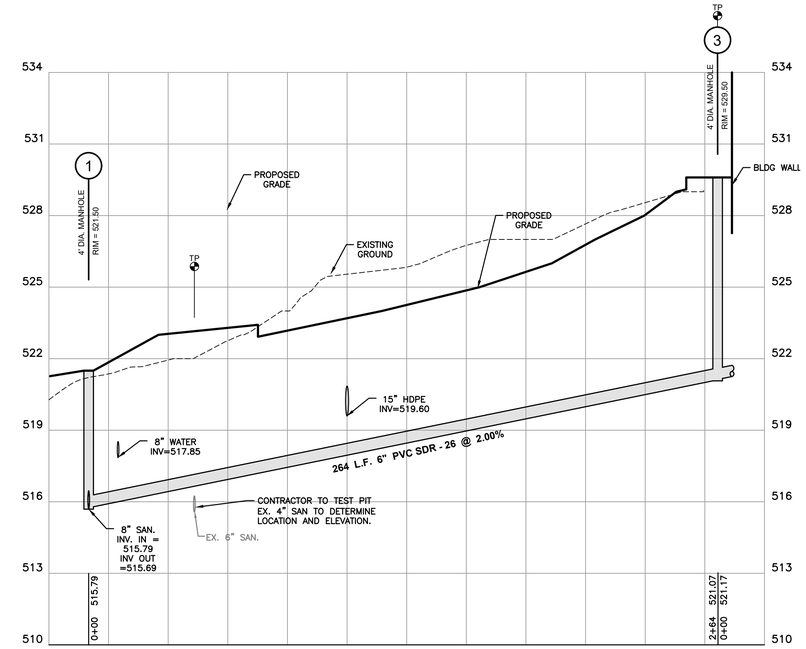
LICENSE No: 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 6 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:29:47 PM, JCECIL, 1:1



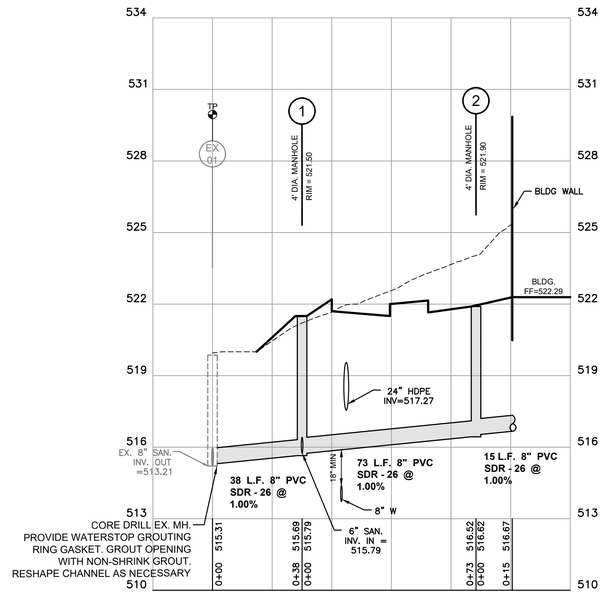


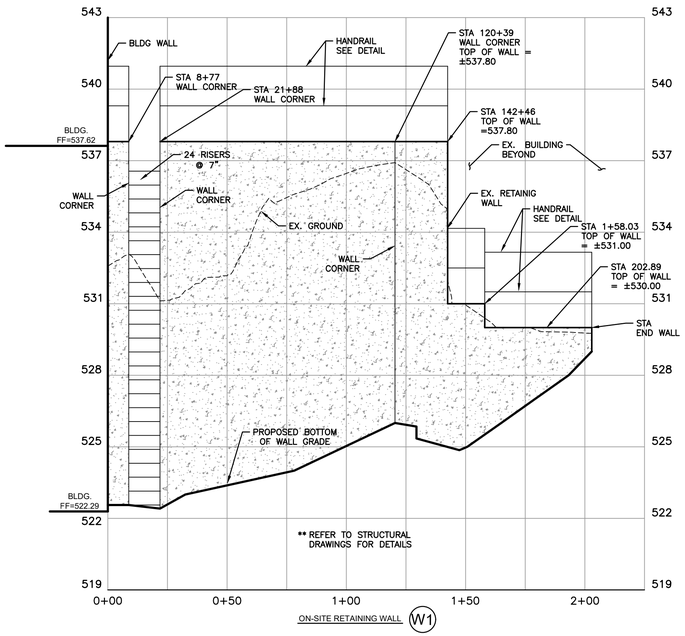
PROFILE

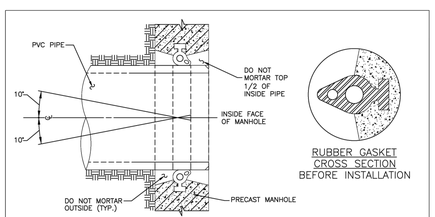
SCALE: HORIZ. - 1" = 30'
VERT. - 1" = 3'

NOTES:

1. CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT ALL CROSSINGS TO DETERMINE EXACT HORIZONTAL & VERTICAL LOCATION. PROPOSED WATERLINE MAY BE ADJUSTED IN THESE AREAS IN ORDER TO AVOID CONFLICTS.
2. EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE TRENCH. ALL TRENCHES SHALL BE BACK-FILLED AND STABILIZATION ON ALL DISTURBED AREAS SHALL OCCUR AT THE END OF EACH WEEK, EXCEPT FOR THE PORTION NECCESSARY TO RESUME CONSTRUCTION. ANY DISTURBED AREAS OR STOCKPILES NOT STABILIZED AT THE END OF EACH DAY SHALL BE PROTECTED AND HAVE SEDIMENT CONTROLLED BY THE USE OF STRAW BALE DIKES, EARTH BERMS AND SILT FENCES AS DIRECTED BY THE SEDIMENT CONTROL INSPECTOR.
3. ROADWAY EMBANKMENT STRUCTURAL FILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASSHTO T-180 METHOD "C" UTILITY TRENCH STRUCTURAL FILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY ASSHTO T-99 METHOD "A".







RUBBER GASKET CROSS SECTION BEFORE INSTALLATION

RUBBER GASKET CROSS SECTION AFTER INSTALLATION
NTS

NOTES:

1. PRECAST MANHOLES ARE TO BE FURNISHED WITH A-LOK GASKETS OR APPROVED EQUAL.
2. FLEXIBLE PVC ADAPTER SHALL BE STRETCHED OVER PLASTIC PIPE AT CENTERLINE OF MANHOLE WALL. THE ADAPTER SHALL BE DESIGNED TO PROVIDE A WATERTIGHT SEAL AROUND THE PLASTIC PIPE.
3. A-LOK GASKET OR APPROVED EQUAL PER ASTM RUBBER GASKET SPECS C443, CAST INTEGRALLY IN MANHOLE WALL AND LOCATED AS REQUIRED. JOINT ALLOWS 10° OMNIDIRECTIONAL DEFLECTION FROM PERPENDICULAR
4. BECAUSE OF THE RUBBER GASKET'S ABILITY TO ENSURE A FLEXIBLE, WATERTIGHT JOINT, IT IS RECOMMENDED THAT NO MORTAR BE PLACED AROUND THE CONNECTOR AT ALL ON THE OUTSIDE OF THE STRUCTURE AND THAT NO MORTAR BE PLACED AROUND THE TOP HALF OF THE CONNECTOR ON THE INSIDE WHEN COMPLETING THE INVERT WORK. THE USE OF MORTAR IN EITHER OF THESE AREAS WOULD ELIMINATE THE FLEXIBILITY FOR WHICH THE CONNECTOR IS DESIGNED AND CAUSE PROBLEMS OF SHEAR.

RUBBER GASKET

SEWER MANHOLE SCHEDULE

MANHOLE	NORTHING	EASTING	RIM ELEV.	TYPE
1	N 293965.113	E 2432600.160	521.50	4' DIA. MANHOLE
2	N 293995.667	E 2432666.363	521.90	4' DIA. MANHOLE
3	N 293720.395	E 2432698.370	529.50	4' DIA. MANHOLE

Kahler Slater
WVU Medicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A LEGANCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

WATER & SEWER PROFILES AND DETAILS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CHEEK REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/31/26

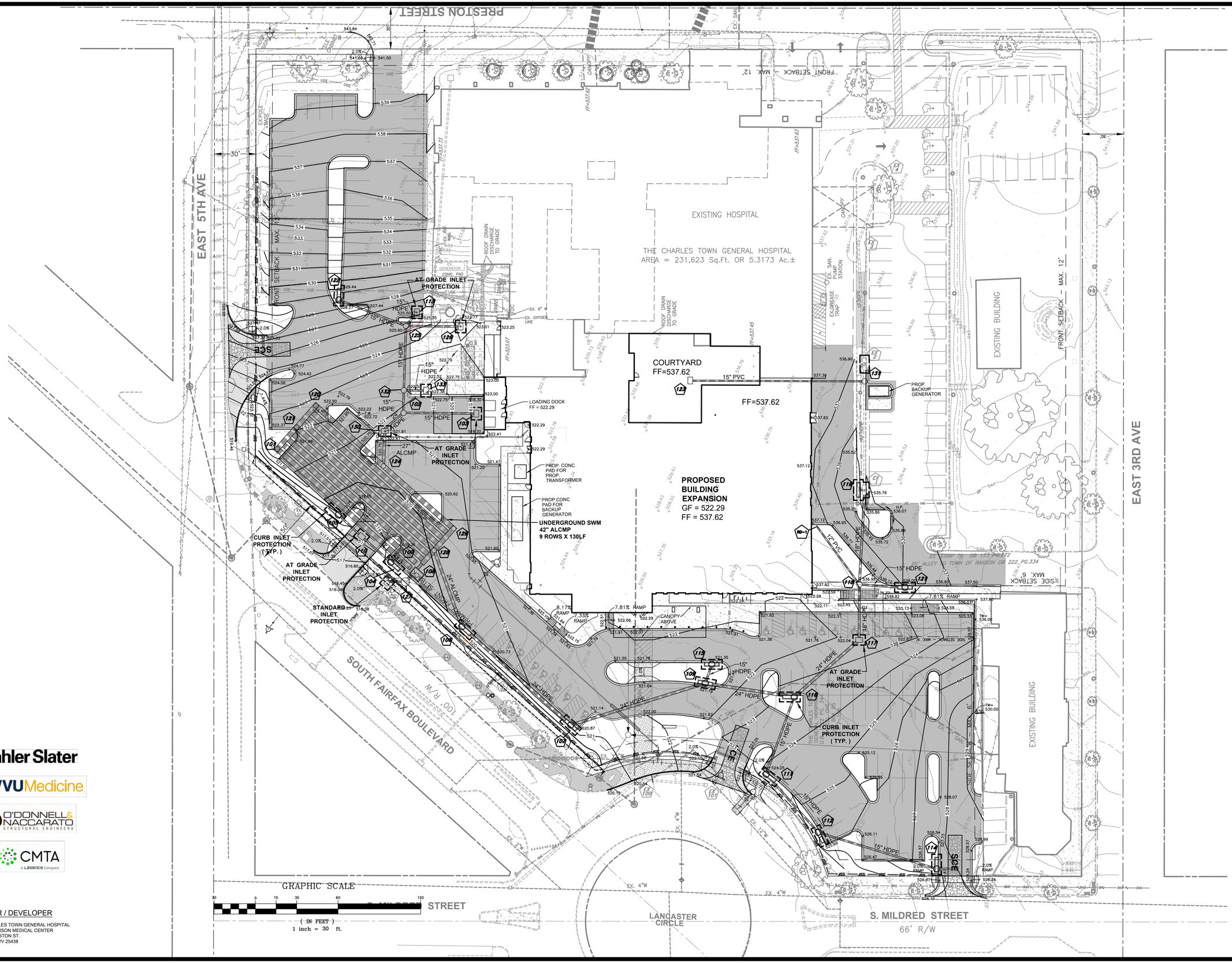
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA.

LICENSE No: 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 7 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\Const Docs\CD-01.dwg, 9/2/2026 4:30:29 PM, JCECI



OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

Kahler Slater
WVU Medicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A LEGENCE Company

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX:(301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DATE	REVISION	DRAWN BY
06/08/2026	ADDED BORING LOCATIONS	

GRADING , STORM DRAIN & S.W.M.

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1" = 30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
4/2/26

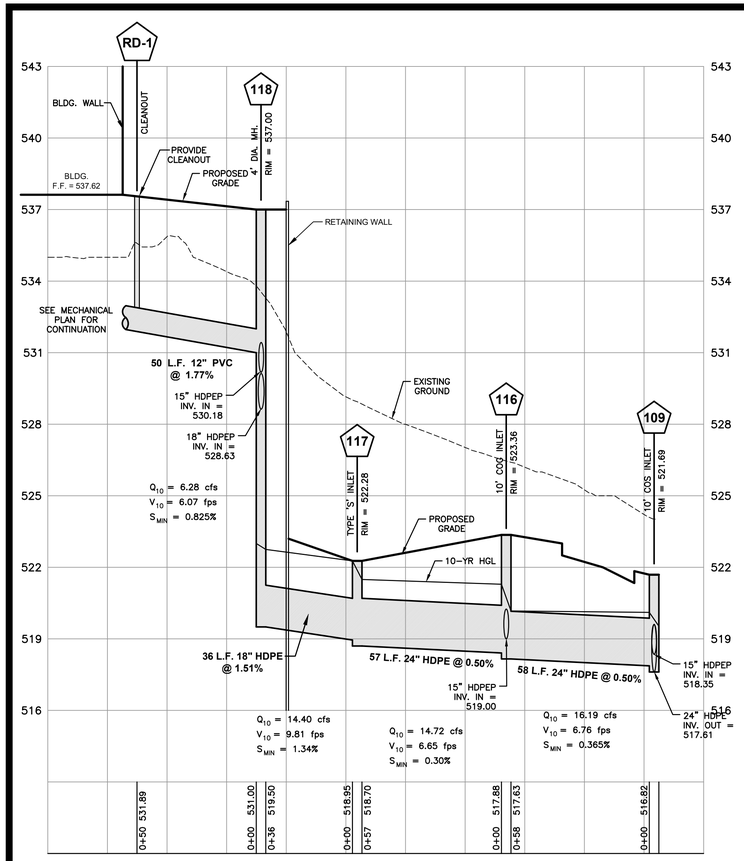
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

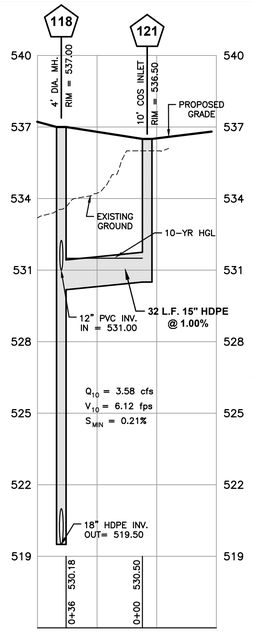
LICENSE No.: 16914 EXP. DATE: 12/31/26

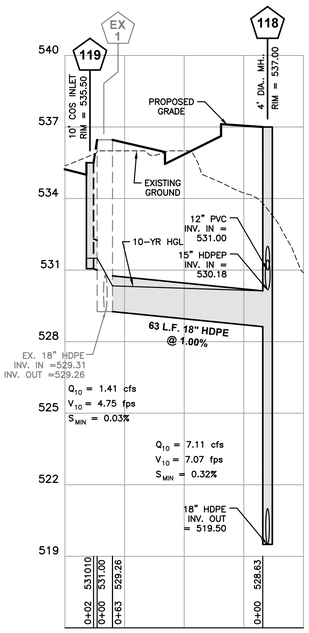
PROJECT NO.	25-32256
DRAWING NO.	D-3662
DATE:	SEPTEMBER, 2026
DRAWN BY:	JHC
CHECKED BY:	JHC

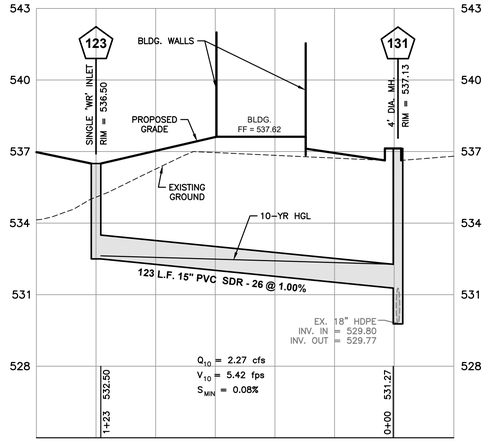
SHEET 8 OF 21

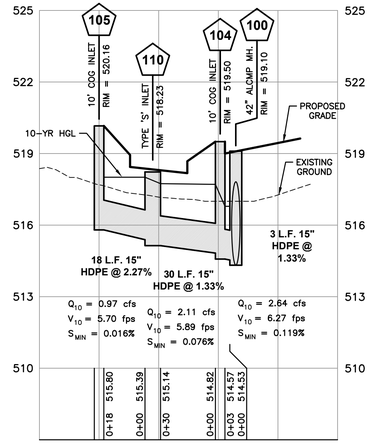
H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\Const Docs\CD-01.dwg, 9/2/2026 4:31:07 PM, JCECIL

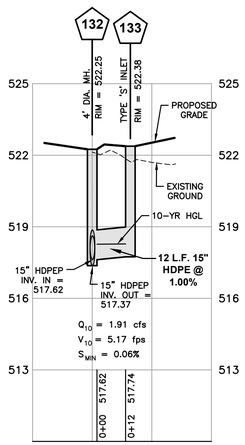


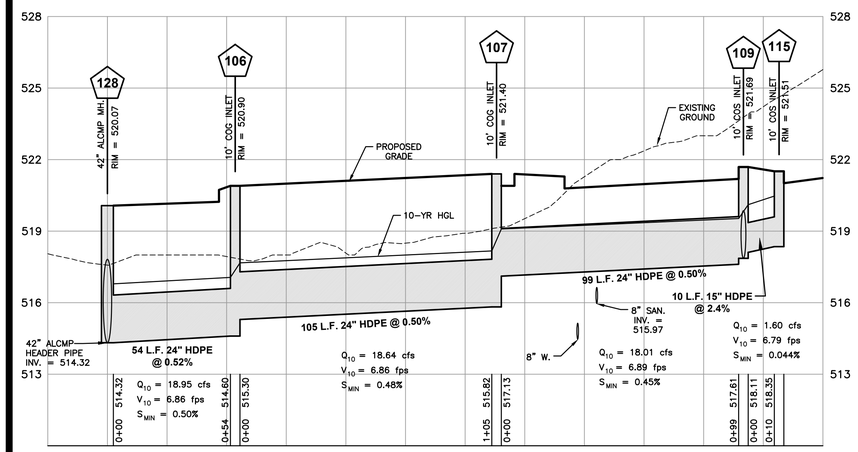












NOTE :
ALL HDPE PIPE TO BE AASHTO TYPE 'S'
ALL METAL PIPE TO BE ALCMP TYPE II

PROFILE
SCALE: HORIZ. - 1" = 30'
VERT. - 1" = 3'

STRUCTURE SCHEDULE

No.	TYPE	LOCATION NORTHING	LOCATION EASTING	STRUCTURE ELEVATION	REMARKS
100	42 DIA CMP MANHOLE	N 294172.29	E 2432647.06	RIM = 519.50	SEE DETAIL SHEET 10
101	42 DIA CMP MANHOLE	N 294281.98	E 2432680.11	RIM = 522.77	SEE DETAIL SHEET 10
102	48" DIA. MANHOLE	N 294211.72	E 2432743.03	RIM = 521.78	MSHA STD. MD - 384.01
103	DOUBLE TYPE 'S INLET	N 294163.53	E 2432764.87	RIM = 518.04	MSHA STD. MD - 374.70
104	10' COG INLET	N 294165.52	E 2432639.74	(U) 519.70	MSHA STD. MD - 374.62
		N 294176.03	E 2432642.98	(L) 519.52	
105	10' COG INLET	N 294230.99	E 2432659.93	(U) 520.16	MSHA STD. MD - 374.62
		N 294220.48	E 2432656.69	(L) 519.78	
106	10' COG INLET	N 294099.01	E 2432619.23	(U) 520.90	MSHA STD. MD - 374.62
		N 294109.52	E 2432622.47	(L) 520.71	
107	10' COS INLET	N 294010.71	E 2432592.00	(U) 521.40	MSHA STD. MD - 374.63
		N 294000.24	E 2432588.76	(L) 521.37	
108	6' x 8' CONTECH JELLYFISH	N	E	RIM = 519.51	SEE DETAL
109	10' COS INLET	N 293935.15	E 2432654.95	(U) 521.69	MSHA STD. MD - 374.63
		N 293924.52	E 2432657.76	(L) 521.69	
110	DOUBLE TYPE 'S INLET	N 294201.33	E 2432648.89	RIM=518.23	MSHA STD. MD - 374.70
111	10' COG INLET	N 293853.56	E 2432616.31	(U) 525.05	MSHA STD. MD - 374.62
		N 293864.34	E 2432618.50	(L) 524.75	
112	10' COG INLET	N 293802.50	E 2432590.28	(U) 526.16	MSHA STD. MD - 374.62
		N 293811.21	E 2432597.00	(L) 525.92	
113	SINGLE WR INLET	N 294233.64	E 2432813.29	RIM = 525.50	MSHA STD. MD - 374.06
114	10' COG INLET	N 293723.32	E 2432614.97	(U) 527.89	MSHA STD. MD - 374.62
		N 293718.70	E 2432604.98	(L) 527.55	
115	10' COS INLET	N 293937.32	E 2432671.23	(U) 521.51	MSHA STD. MD - 374.63
		N 293927.33	E 2432675.84	(L) 521.51	
116	10' COG INLET	N 293865.95	E 2432678.32	(U) 523.36	MSHA STD. MD - 374.62
		N 293875.94	E 2432673.71	(L) 523.28	
117	DOUBLE TYPE 'S INLET	N 293842.25	E 2432733.41	RIM = 522.28	MSHA STD. MD - 374.70
118	48" DIA. MANHOLE	N 293859.15	E 2432769.98	RIM = 537.00	MSHA STD. MD - 384.01
119	10' COS INLET	N 293892.43	E 2432836.20	(U) 535.50	TYPE 'A' SEE DETAIL
		N 293887.75	E 2432826.25	(L) 535.50	
120	42 DIA CMP MANHOLE	N 294271.54	E 2432720.83	RIM = 522.72	SEE DETAIL SHEET 10
121	42 DIA CMP MANHOLE	N 294277.60	E 2432700.72	RIM = 522.08	SEE DETAIL SHEET 10
122	10' COG INLET	N 294290.86	E 2432806.02	(U) 529.94	MSHA STD. MD - 374.62
		N 294286.60	E 2432795.88	(L) 528.77	
123	SINGLE WR INLET	N 294032.97	E 2432852.29	RIM = 536.50	MSHA STD. MD - 374.06
124	42" DIA CMP MANHOLE	N 294208.56	E 2432701.85	RIM = 520.32	SEE DETAIL SHEET 10
125	48" DIA. MANHOLE	N 294236.67	E 2432801.00	RIM = 520.50	MSHA STD. MD - 384.01
126	42" DIA CMP MANHOLE	N 294200.56	E 2432817.34	RIM = 522.77	SEE DETAIL SHEET 10
127					SWM CONTROL STRUCTURE SEE DETAIL
128	42 DIA CMP MANHOLE	N 294149.33	E 2432662.07	RIM = 520.07	SEE DETAIL SHEET 10
129	42 DIA CMP MANHOLE	N 294143.28	E 2432682.18	RIM = 520.61	SEE DETAIL SHEET 10
130	DOUBLE TYPE 'S INLET	N 294218.41	E 2432725.33	RIM = 521.91	MSHA STD. MD - 374.70
131	48" DIA. MANHOLE	N 293917.99	E 2432905.24	RIM = 573.13	MSHA STD. MD - 384.01
132	48" DIA. MANHOLE	N 294218.36	E 2432757.96	RIM =	MSHA STD. MD - 384.01
133	DOUBLE TYPE 'S INLET	N 294203.70	E 2432764.62	RIM =	MSHA STD. MD - 374.70

Kahler Slater
WVU Medicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A LEGENCE Company

OWNER / DEVELOPER
THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

STORM DRAIN PROFILES
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

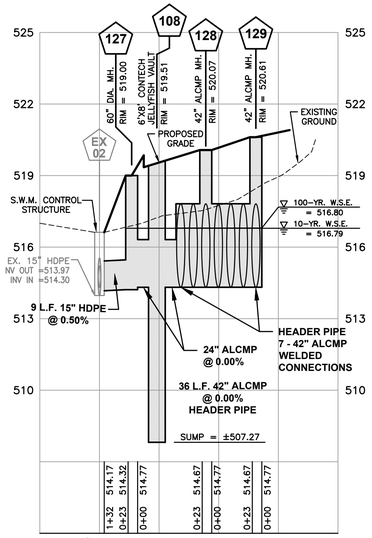
JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/24

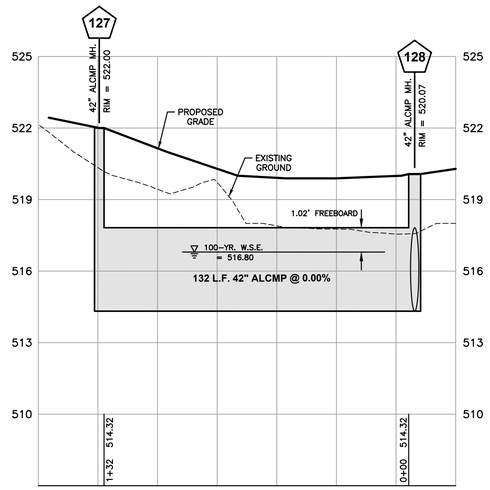
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA
LICENSE No: 16914 EXP. DATE 12/31/26

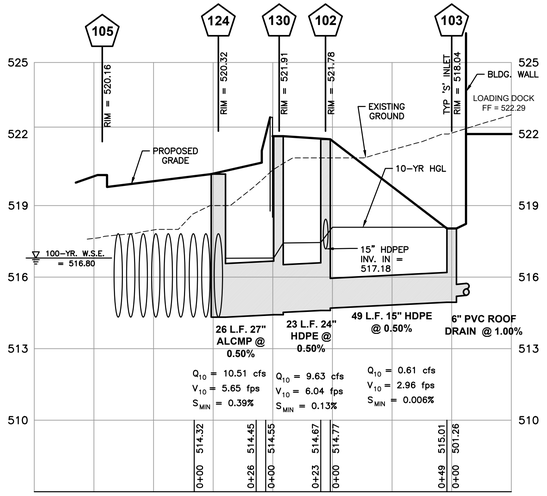
PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 9 OF 21

H:\Carlson Projects\25\32256 Kahler Slater - Jefferson Medical Center\DWG\Const Docs\CD-0[].dwg, 9/2/2026 4:32:59 PM, JCECI.11

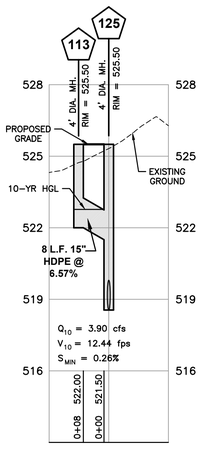


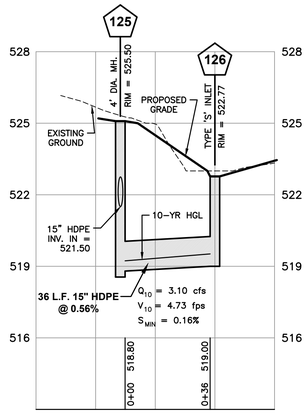


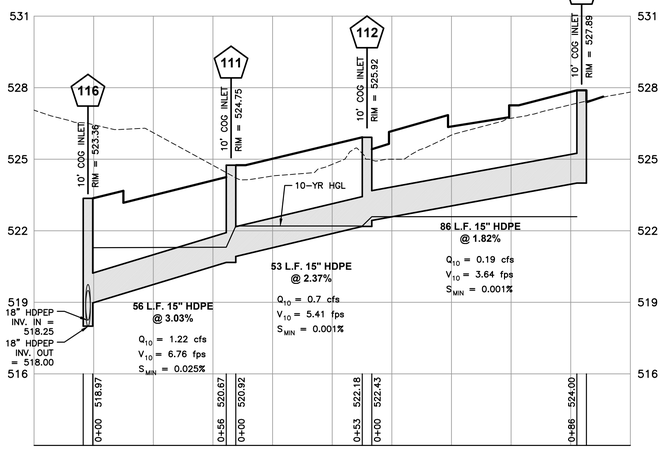


PROFILE

SCALE: HORIZ. - 1" = 30'
VERT. - 1" = 3'







NOTE :
ALL HDPE PIPE TO BE AASHTO TYPE 'S'
ALL METAL PIPE TO BE ALCMP TYPE II

Kahler Slater

WVUMedicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

STORM DRAIN PROFILES

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
12/3/26

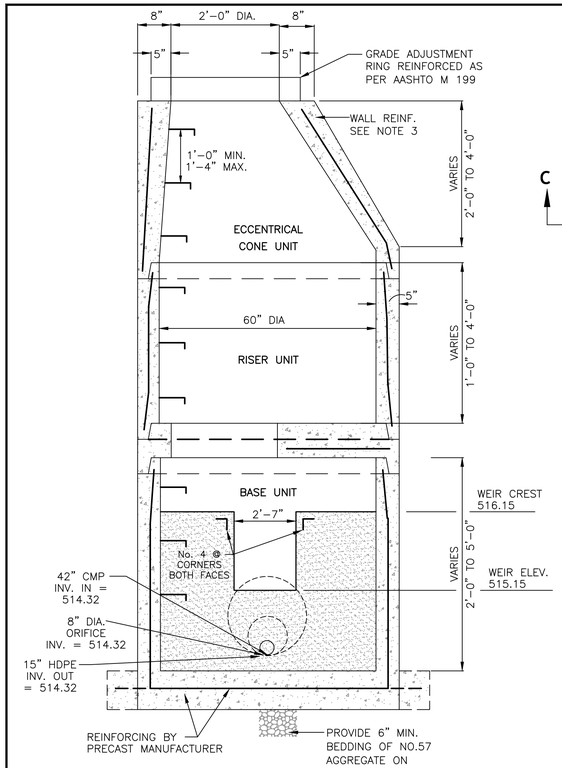
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

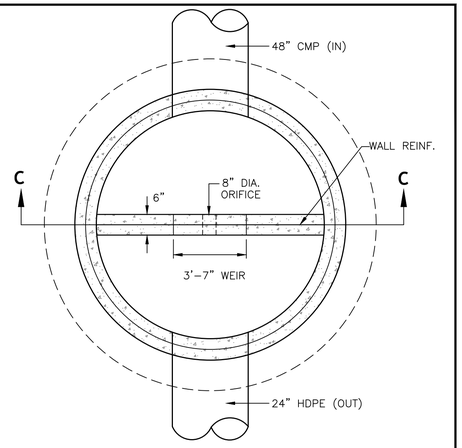
LICENSE No: 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 10 OF 21

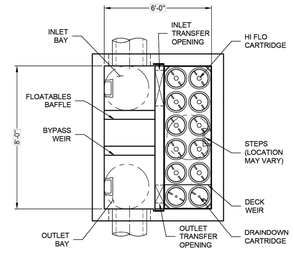
H:\CARLSON PROJECTS\25132256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:33:25 PM, JCECIL



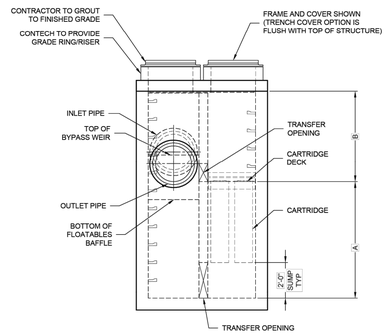


STRUCTURE (127) SECTION VIEW C-C

(SHOWN WITHOUT FRAME & COVER)
NOT TO SCALE



PLAN VIEW
(TOP SLAB NOT SHOWN FOR CLARITY)

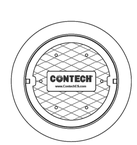


ELEVATION VIEW

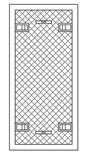
JELLYFISH DESIGN NOTES

JELLYFISH TREATMENT CAPACITY IS A FUNCTION OF THE CARTRIDGE LENGTH AND THE NUMBER OF CARTRIDGES. THE STANDARD PEAK DIVERSION STYLE WITH PRECAST TOP SLAB IS SHOWN. ALTERNATE OFFLINE VAULT AND/OR SHALLOW ORIENTATIONS ARE AVAILABLE. PEAK CONVEYANCE CAPACITY TO BE DETERMINED BY ENGINEER OF RECORD

CARTRIDGE SELECTION				
CARTRIDGE LENGTH	54"	40"	27"	15"
OUTLET INVERT TO STRUCTURE INVERT (A)	6'-6"	5'-4"	4'-3"	3'-3"
FLOW RATE HI-FLO / DRAINDOWN (CFS) (PER CART)	0.178 / 0.089	0.133 / 0.067	0.089 / 0.045	0.049 / 0.025
MAX. TREATMENT (CFS)	1.96	1.47	0.98	0.54
DECK TO INSIDE TOP (MIN) (B)	5.00	4.00	4.00	4.00



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.



24" TRENCH COVER
(LENGTH VARIES)
N.T.S.

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	*
WATER QUALITY FLOW RATE (cfs)	*
PEAK FLOW RATE (cfs)	*
RETURN PERIOD OF PEAK FLOW (yrs)	*
# OF CARTRIDGES REQUIRED (HF / DD)	*
CARTRIDGE LENGTH	*

PIPE DATA:	I.E.	MAT'L	DIA	SLOPE %	HGL
INLET #1	*	*	*	*	*
INLET #2	*	*	*	*	*
OUTLET	*	*	*	*	*

SEE GENERAL NOTES 6-7 FOR INLET AND OUTLET HYDRAULIC AND SIZING REQUIREMENTS.

RIM ELEVATION		*
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT
	*	*

NOTES/SPECIAL REQUIREMENTS:

* PER ENGINEER OF RECORD

GENERAL NOTES:
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS REPRESENTATIVE. www.ContechES.com
3. JELLYFISH WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE SHALL MEET AASHTO HS-20 OR PER APPROVING JURISDICTION REQUIREMENTS, WHICHEVER IS MORE STRINGENT, ASSUMING EARTH COVER OF 0' - 10', AND GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M306 LOAD RATING AND BE CAST WITH THE CONTECH LOGO.
5. STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-857, ASTM C-918, AND AASHTO LOAD FACTOR DESIGN METHOD.
6. OUTLET PIPE INVERT IS EQUAL TO THE CARTRIDGE DECK ELEVATION.
7. THE OUTLET PIPE DIAMETER FOR NEW INSTALLATIONS IS RECOMMENDED TO BE ONE PIPE SIZE LARGER THAN THE INLET PIPE AT EQUAL OR GREATER SLOPE.
8. NO PRODUCT SUBSTITUTIONS SHALL BE ACCEPTED UNLESS SUBMITTED 10 DAYS PRIOR TO PROJECT BID DATE, OR AS DIRECTED BY THE ENGINEER OF RECORD.

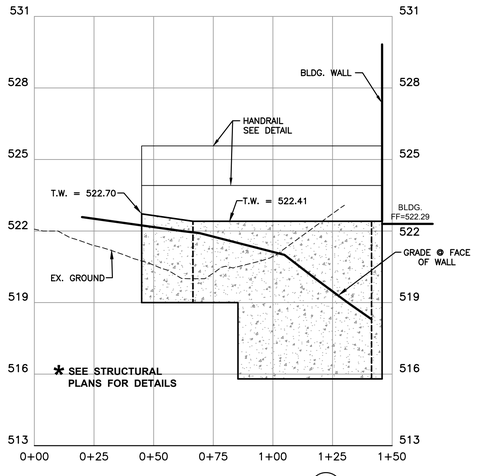
INSTALLATION NOTES
A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STRUCTURE.
C. CONTRACTOR WILL INSTALL AND LEVEL THE STRUCTURE, SEALING THE JOINTS, LINE ENTRY AND EXIT POINTS (NON-SHRINK GROUT WITH APPROVED WATERSTOP OR FLEXIBLE BOOT).
D. CARTRIDGE INSTALLATION, BY CONTECH, SHALL OCCUR ONLY AFTER SITE HAS BEEN STABILIZED AND THE JELLYFISH UNIT IS CLEAN AND FREE OF DEBRIS. CONTACT CONTECH TO COORDINATE CARTRIDGE INSTALLATION WITH SITE STABILIZATION.

Jellyfish® Filter
THIS PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING: U.S. PATENT NO. 8,287,726; 8,221,616; US 8,123,935; OTHER INTERNATIONAL PATENTS PENDING.

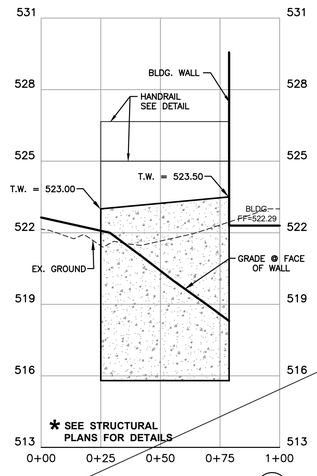
CONTECH ENGINEERED SOLUTIONS LLC
www.ContechES.com
9025 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7993 FAX

JELLYFISH JFPD0806
STANDARD DETAIL
PEAK DIVERSION CONFIGURATION

I:\COMMON\CAD\TREATMENT\713 JELLYFISH FILTER\HEC-91\STANDARD DRAWINGS\JFPDDWGs\JFPD0806-DTL_NEW.DWG 1/29/2018 10:39 AM



LOADING DOCK RETAINING WALL (W2)



LOADING DOCK RETAINING WALL (W3)

PROFILE
SCALE: HORIZ. - 1" = 30'
VERT. - 1" = 3'

Kahler Slater
WVU Medicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

SWM DETAILS & RETAINING WALLS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

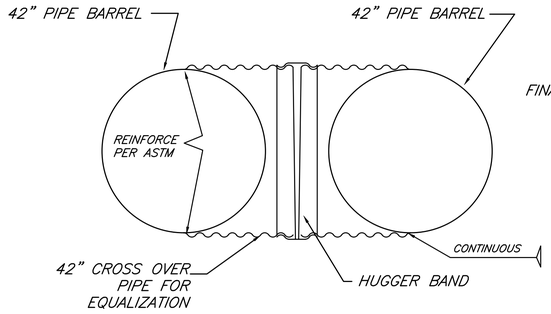
JOSEPH H CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
9/2/26

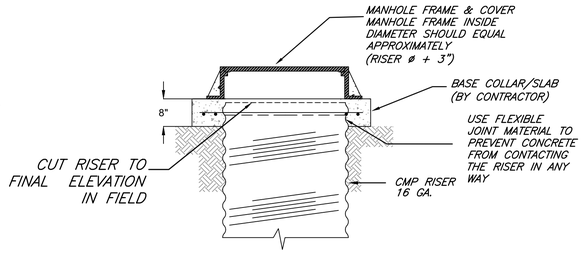
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA
LICENSE No.: 16914 EXP. DATE: 12/31/26

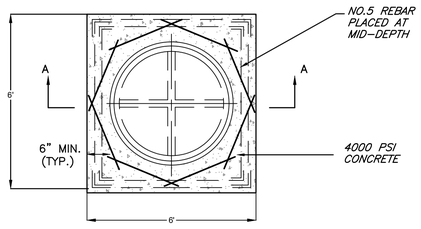
PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 11 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:33:44 PM, JCECIL

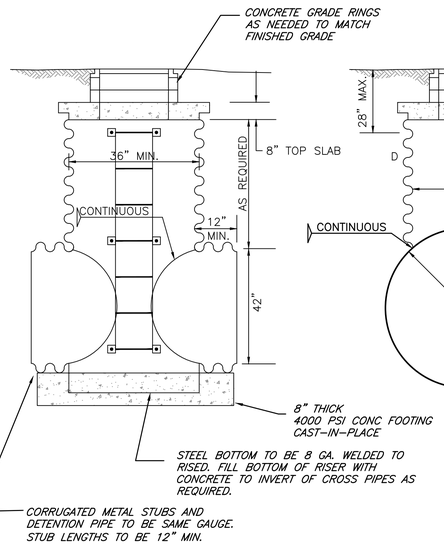


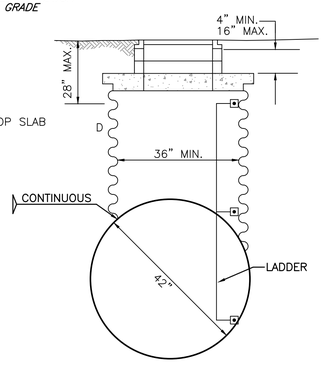




DETAIL MANHOLE COVER / INLET GRATE

NOT TO SCALE



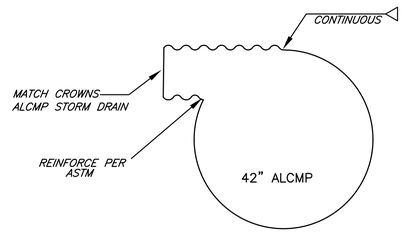


NOTE:

1. ALL CMP TO BE ALCMP TYPE II

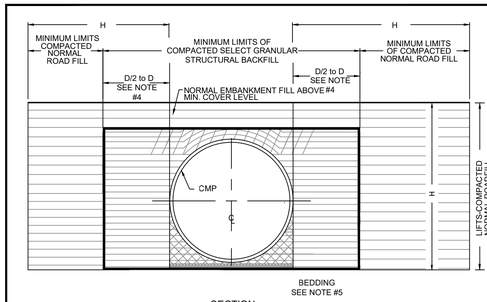
CORRUGATED METAL PIPE MANHOLE

NOT TO SCALE



STORM DRAIN CONNECTION

NOT TO SCALE



SECTION

CRITICAL BACKFILL ZONE, PROPER COMPACTION MUST BE ACHIEVED

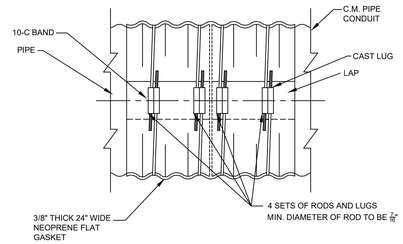
INITIAL LIFTS OVER CROWN OF STRUCTURE AS INDICATED BY SHADED AREA TO BE COMPACTED TO REQUIRED DENSITY WITH HAND OPERATED EQUIPMENT OR WITH SMALL TRACTOR (D-4 OR SMALLER) DRAWN EQUIPMENT.

SELECT GRANULAR STRUCTURAL BACKFILL LIMITS.

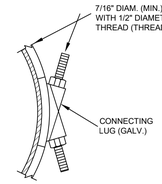
NOTES:

1. ALL SELECT GRANULAR BACKFILL TO BE PLACED IN A BALANCED FASHION IN THIN LIFTS (6"-8" LOOSE TYPICALLY) AND COMPACTED TO 90 PERCENT DENSITY PER AASHTO T-180.
2. COMPLETE AND REGULAR MONITORING OF THE CSP SHAPE IS NECESSARY DURING ALL BACKFILLING OF THE STRUCTURE.
3. PREVENT EXCESSIVE DISTORTION OF SHAPE AS NECESSARY BY VARYING COMPACTION METHODS AND EQUIPMENT.
4. THIS WIDTH SHOULD BE EQUAL TO 1/2 DIA. TO ONE DIA. WIDTH TYPICALLY. GREATER OR LESSER DISTANCE MAY BE REQUIRED. DISTANCE DEPENDS ON BEARING LOAD FOR ANY GIVEN LOADING, STRUCTURE SHAPE AND BACKFILL MATERIAL. THIS MUST BE EVALUATED BY THE PROJECT ENGINEER FOR EACH SPECIFIC SITUATION.
5. BEDDING ZONE SHOULD BE FREE OF DEBRIS. PLACE BEDDING MATERIAL AT MIN. THICKNESS EQUAL TO TWICE THE CORRUGATION DEPTH.
6. EMBANKMENT WIDTH H TO BE SUCH THAT A STABLE EMBANKMENT CAPABLE OF RESISTING SIDE PRESSURES FROM CSP PIPE-ARCH SHAPE WILL BE MAINTAINED THROUGHOUT THE LIFE OF INSTALLATION. THIS WIDTH TO BE DETERMINED BY THE PROJECT ENGINEER.

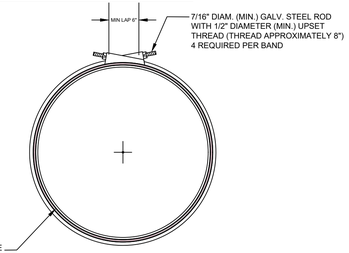
CORRUGATED METAL PIPE
TYPICAL BACKFILL SECTION



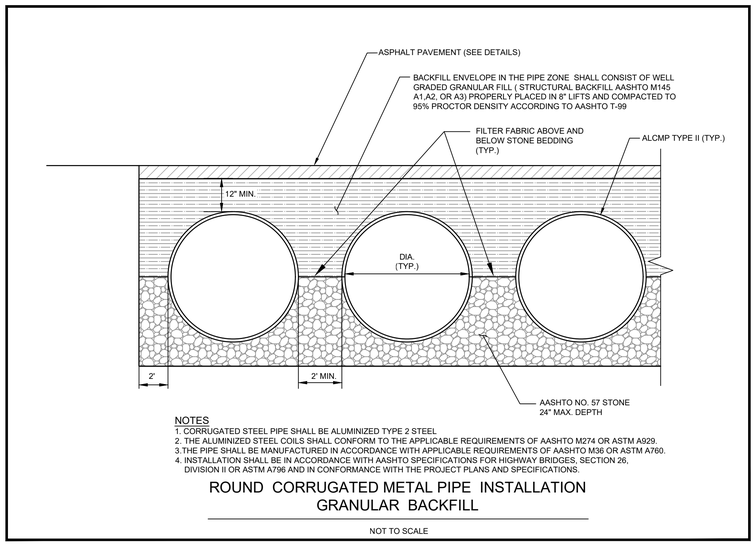
OPEN CELL NEOPRENE GASKET, ASTM SPECIFICATION D-1056, GRADE 2C3, SKINNED ALL FOUR SIDES OF ONE-PIECE CONSTRUCTION



CONNECTING LUG DETAILS



WATERTIGHT COUPLING BAND
FOR ANNULAR OR REROLLED HELICAL PIPE



NOTES
1. CORRUGATED STEEL PIPE SHALL BE ALUMINIZED TYPE 2 STEEL
2. THE ALUMINIZED STEEL COILS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M274 OR ASTM A929.
3. THE PIPE SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF AASHTO M36 OR ASTM A760.
4. INSTALLATION SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATIONS FOR HIGHWAY BRIDGES, SECTION 26, DIVISION II OR ASTM A796 AND IN CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.

ROUND CORRUGATED METAL PIPE INSTALLATION
GRANULAR BACKFILL

NOT TO SCALE

Kahler Slater

WVUMedicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

STORMWATER MANAGEMENT NOTES AND DETAILS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/31/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No. 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 12 OF 21

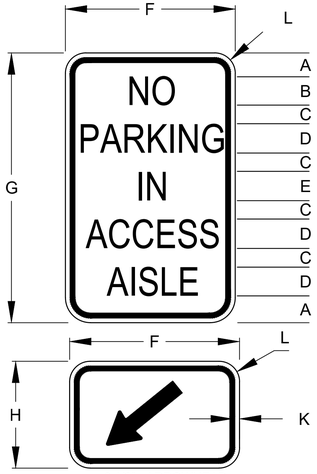
H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWGS\CONST DOCS\CD-01.DWG, 9/2/2026 4:34:01 PM, JCECI



* REDUCE SPACING 50 PERCENT
COLORS
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKROUND - WHITE
ARROW MAY BE REMOVED IF NECESSARY

RESERVED PARKING R7-8
VAN ACCESSIBLE R7-8A
MAXIMUM FINE R7-8(2)

N.T.S.



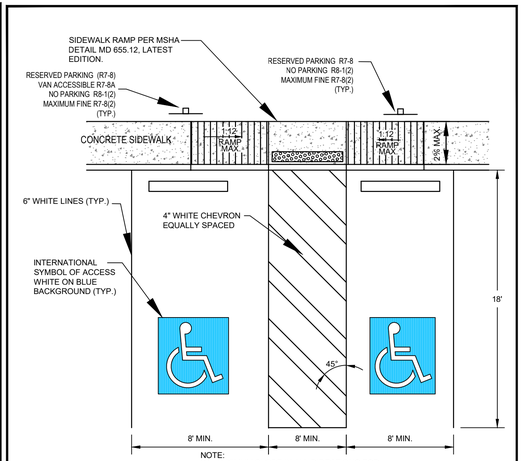
2 1/2" ARROWHEAD
NOTE: ARROWHEAD TO FACE LEFT OR
RIGHT DEPENDING ON SIGN PLACEMENT.

SIGN SIZE	DIMENSION (INCHES)										
	A	B	C	D	E	F	G	H	J	K	L
STANDARD	1 3/4	2 1/2	1	2	1 1/2	12	18	6	3/8	1/2	1 1/2

LEGEND AND BORDER - RED
BACKROUND - WHITE (RETROFLECTIVE)

ACCESS AISLE SIGN R8-1(2)

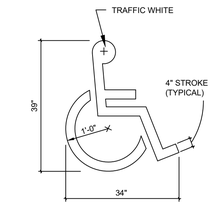
N.T.S.



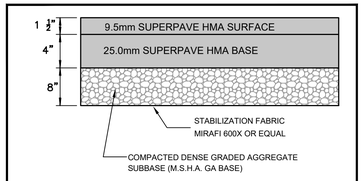
NOTE:
2% MAXIMUM SLOPE IN ALL DIRECTIONS FOR
ENTIRE ADA SPACE, AISLE AND ACCESSIBLE ROUTE.

ACCESSIBLE PARKING SPACE WITH CURB

N.T.S.



(A) ACCESSIBLE PARKING SIGN R7-8, R7-8(2)
(B) VAN ACCESSIBLE PARKING SIGN R7-8, R7-8A, R7-8(2), R8-1(2)
(C) ACCESSIBLE PARKING SIGN R7-8, R7-8(2), R8-1(2)



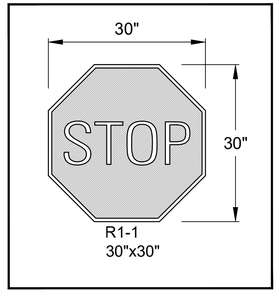
SUBGRADE PREPARATION:

1. FILL AREAS TO BE PAVED SHALL HAVE SOIL PLACED IN 8 INCH LIFTS AND COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY. MAXIMUM DENNSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D-698 STANDARD PROCTOR.
2. AFTER THE SUBGRADE IN CUTS AND FILLS HAS BEEN FINALLY SHAPED TO THE SPECIFIED CROSS SECTION, IT SHALL BE CAREFULLY AND THOROUGHLY PROOF ROLLED WITH A 20 TON ROLLER OR EQUIVALENT TO DETERMINE SOFT OR UNSUITABLE AREAS. PRIOR TO PAVING, SOFT OR UNSUITABLE ARES SHALL BE REMOVED AND BACKFILLED WITH SUITABLE MATERIAL TO THE REQUIREMENTS OF No. 1 ABOVE.
3. NO PAVEMENT SHALL BE PLACED ON FROZEN OR FROSTED SUBGRADES THAT WILL NOT ADEQUATELY SUPPORT THE PAVEMENT.
4. IF ROCK IN ENCOUNTERED IN THE SUBGRADE, REMOVE AN ADDITIONAL 6 INCHES BELOW SUBGRADE AND BACKFILL WITH SUITABLE MATERIAL TO THE REQUIREMENTS OF No. 1 ABOVE.

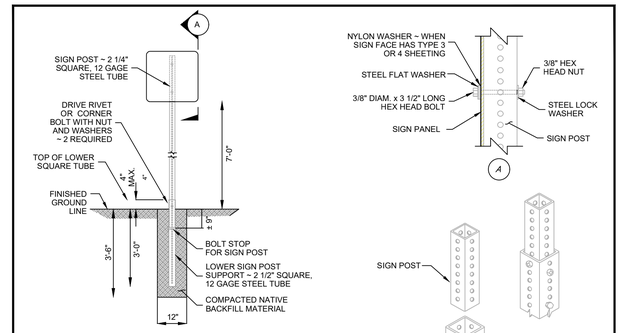
* NOTE: FINAL PAVEMENT SECTION IS SUBJECT TO MODIFICATION BY THE GEOTECHNICAL ENGINEER

PAVING DETAIL

N.T.S.



R1-1
30"x30"



GENERAL NOTES

GENERAL
SIGN POSTS SHALL BE INSTALLED PLUMB TO THE GROUND. LEANING POSTS WILL NOT BE ACCEPTED. THE COMPLETED SIGN/POST SYSTEMS SHALL MEET THE REQUIREMENTS AS DETAILED ON THIS SHEET AND AS REQUIRED BY THE MANUFACTURER OF THE SYSTEM.
SHEETING
ALL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHA'S STANDARD SIGN BOOK, LATEST EDITION.
BLANKS
THE ALUMINUM SIGN BLANKS SHALL CONFORM TO ASTM B-209, ALLOY 6061-T6 OR 5052-H38. BLANKS SHALL HAVE A THICKNESS OF 0.080". ALL DIMENSIONS SHALL BE AS SHOWN IN THESE DETAILS.
HARDWARE
BOLTS, NUTS, SPACERS AND RIVETS SHALL MEET POST MANUFACTURER'S REQUIREMENTS FOR P**ROPER OPERATION OF THE BREAK AWAY SYSTEMS SUPPLIED. ALL HARDWARE SHALL HAVE A CORROSION RESISTANT FINISH PER POST MANUFACTURE'S REQUIREMENTS.**
POSTS
THE STEEL POSTS, BASES AND SLEEVES SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR COLD ROLLED CARBON SHEET STEEL, COMMERCIAL QUALITY, ASTM A-446, GRADE A. DIMENSIONS OF THE COMPONENTS SHALL BE AS DETAILED ON THIS SHEET. ALL POSTS SHALL BE GALVANIZED. THE YIELD STRENGTH OF THE POST, SLEEVE AND ANCHOR SHALL BE 52,000 PSI. THE POSTS, SLEEVE AND ANCHOR SHALL BE MANUFACTURED FROM HOT DIPPED GALVANIZED STEEL WITH 1.25 OUNCE COATING CONFORMING TO ASTM A-525, ALSO REFERRED TO AS G-90. BOTH INTERIOR AND EXTERIOR FACES OF THE COMPONENTS SHALL BE GALVANIZED.

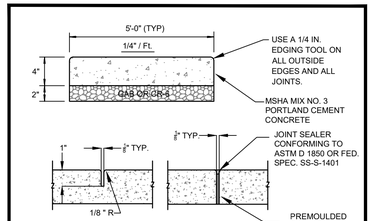
THE POST SHALL BE FLUSH OR RECESSED DOWN BELOW THE TOP OF THE SIGN.

ON - SITE SIGN SUPPORT DETAIL

NOT TO SCALE

ONE WAY

R6-1R
36"x12"

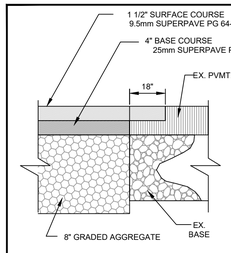


CONTRACTION JOINT EXPANSION JOINT

NOTES:
1. CONCRETE SHALL BE CLASS B CONCRETE AS DESIGNATED BY THE WEST VIRGINIA DEPARTMENT OF HIGHWAYS SPECIFICATIONS.
2. CONCRETE SHALL BE SPRAYED WITH LIQUID CURING COMPOUND AS SOON AS FREE WATER HAS DISAPPEARED FROM THE SURFACE. CURING COMPOUND REQUIRED AS PER SPECIFICATION 32-16-13
3. FORMS SHALL BE STEEL FORMS WITH THE EXCEPTION OF APPROVED FLEXIBLE FORMS FOR RADIAL FORMATION.
4. SIDEWALK SHALL HAVE A LIGHT BROOM FINISH.
5. SIDEWALKS TO BE SCRIBED IN 5' MAXIMUM LENGTHS AND BRUSH FINISHED, EXPANSION JOINTS TO BE SPACED EVERY 15 FEET AND BETWEEN CURB AND SIDEWALK WHERE ADJACENT.

STANDARD CONCRETE SIDEWALK

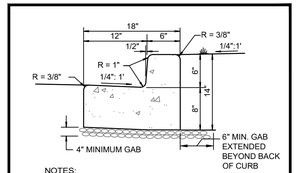
NOT TO SCALE



NOTES:
1. WHERE PROPOSED PAVEMENT CONNECTS TO EXISTING PAVEMENT, SAW CUT THE EX. PAVEMENT FOR THE FULL LENGTH OF THE CONNECTION. FOR THE THE 1 1/2" SURFACE COURSE, THE EX. PAVEMENT MUST BE MILLED BACK A MINIMUM OF 18" TO ALLOW FOR A SMOOTH OVERLAP.
2. FIELD ADJUSTMENTS SHALL BE MADE AS NECESSARY TO PROVIDE A SMOOTH TRANSITION BOTH VERTICALLY AND HORIZONTALLY FROM EXISTING TO PROPOSED PAVING SECTION.

PAVEMENT TIE-IN DETAIL

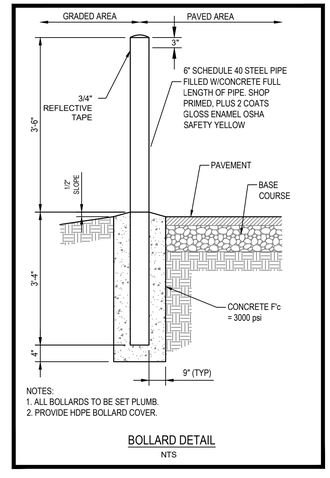
NOT TO SCALE



NOTES:
1. CONCRETE SHALL BE WVDOH CLASS B.
2. CONCRETE SHALL BE SPRAYED WITH LIQUID CURING COMPOUND AS SOON AS FREE WATER HAS DISAPPEARED FROM THE SURFACE. CURING COMPOUND REQUIRED AS PER SPECIFICATION 32-16-13
3. FORMS SHALL BE STEEL FORMS WITH THE EXCEPTION OF APPROVED FLEXIBLE FORMS FOR RADIAL FORMATION.
4. ALL CURB SHALL BE A MINIMUM OF 5' IN LENGTH.
5. IF HAND FORMED USE MAGNESIUM OR WOOD TROWEL WITH BRUSHED FINISH. IF CURB IS EXTRUDED BRUSH FINISH.

COMBINATION CURB AND GUTTER

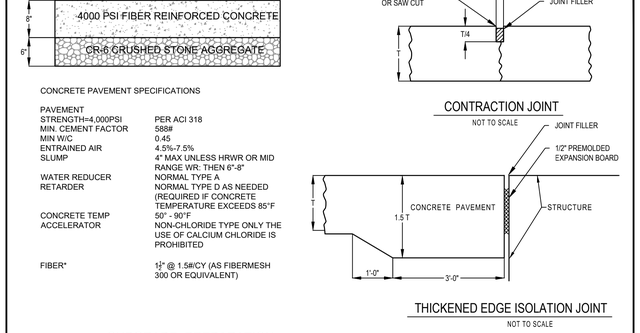
N.T.S.



NOTES:
1. ALL BOLLARDS TO BE SET PLUMB.
2. PROVIDE HDPE BOLLARD COVER.

BOLLARD DETAIL

NTS



CONCRETE PAVEMENT SPECIFICATIONS

PAVEMENT STRENGTH=4,000PSI	PER ACI 318
MIN. CEMENT FACTOR	588#
MIN W/C	0.45
ENTRAINED AIR	4.5%-7.5%
SLUMP	4" MAX UNLESS HRWR OR MID RANGE WR; THEN 6"-8"
WATER REDUCER	NORMAL TYPE A
RETARDER	NORMAL TYPE D AS NEEDED (REQUIRED IF CONCRETE TEMPERATURE EXCEEDS 85°F
CONCRETE TEMP	50° - 90°F
ACCELERATOR	NON-CHLORIDE TYPE ONLY THE USE OF CALCIUM CHLORIDE IS PROHIBITED
FIBER*	1½" @ 1.5#/CY (AS FIBERMESH 300 OR EQUIVALENT)

CONTRACTION JOINT

NOT TO SCALE

THICKENED EDGE ISOLATION JOINT

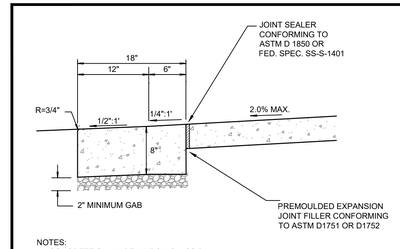
NOT TO SCALE

SUBGRADE PREPARATION

A. FILL AREAS TO BE PAVED SHALL HAVE SOIL PLACED IN 8 INCH LIFTS AND COMPACTED TO 92 PERCENT OF MAXIMUM DENSITY. THE LAST TWO LIFTS SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY. MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASSHTO T-180 METHOD C. CERTIFICATION BY A GEOTECHNICAL ENGINEER LICENSED BY THE STATE OF WEST VIRGINIA MAY BE REQUIRED.
B. MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D-698 STANDARD PROCTOR.
C. AFTER THE SUBGRADE IN CUTS AND FILLS HAS BEEN FINALLY SHAPED TO THE SPECIFIC CROSS SECTION, IT SHALL BE CAREFULLY AND THOROUGHLY PROOF ROLLED WITH A 20 TON ROLLER OR EQUIVALENT TO DETERMINE SOFT OR UNSUITABLE AREAS. PRIOR TO PAVING SOFT OR SUITABLE MATERIAL TO THE REQUIREMENTS OF ITEM "A" ABOVE.
D. NO PAVEMENT SHALL BE PLACED ON FROZEN SUBGRADES NOR ON SUBGRADES THAT WILL NOT ADEQUATELY SUPPORT THE PAVEMENT.
E. IF ROCK IS ENCOUNTERED IN THE SUBGRADE, REMOVE AN ADDITIONAL 6 INCHES BELOW SUBGRADE AND BACKFILL WITH SUITABLE MATERIAL TO THE REQUIREMENTS OF ITEM "A".

CONCRETE PAVEMENT SECTION

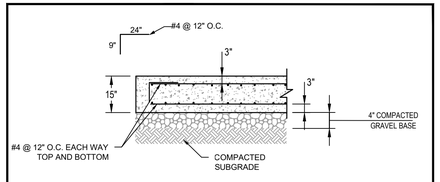
NOT TO SCALE



NOTES:
1. CONCRETE SHALL BE WVDOH CLASS B.
2. CONCRETE SHALL BE SPRAYED WITH LIQUID CURING COMPOUND AS SOON AS FREE WATER HAS DISAPPEARED FROM THE SURFACE. CURING COMPOUND REQUIRED AS PER SPECIFICATION 32-16-13
3. FORMS SHALL BE STEEL FORMS WITH THE EXCEPTION OF APPROVED FLEXIBLE FORMS FOR RADIAL FORMATION.
4. ALL CURB SHALL BE A MINIMUM OF 5' IN LENGTH.
5. IF HAND FORMED USE MAGNESIUM OR WOOD TROWEL WITH BRUSHED FINISH. IF CURB IS EXTRUDED BRUSH FINISH.

'ZERO' REVEAL SPILL CURB AND GUTTER

N.T.S.



NOTE: CONCRETE SHALL BE 4000 PSI @ 28 DAYS.
REBAR SHALL BE GRADE 60 DEFORMED BARS.
GRAVEL BASE SHALL MEET REQUIREMENTS OF
MSHA G.A. BASE.

COMPACTOR PAD DETAIL

NO SCALE

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGENCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC.
Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX:(301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-8009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

REVISION	DRAWN BY	DATE

SITE DETAILS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H CARLSON REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 9/2/26

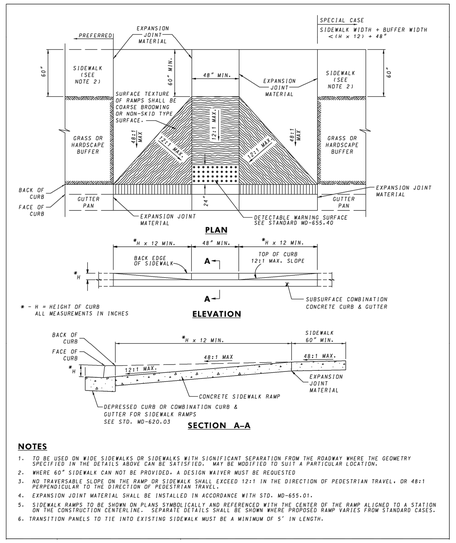
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No. 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 13 OF 21

H:\CARLSON PROJECTS\25132256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:34:13 PM, JCECI, 1:1

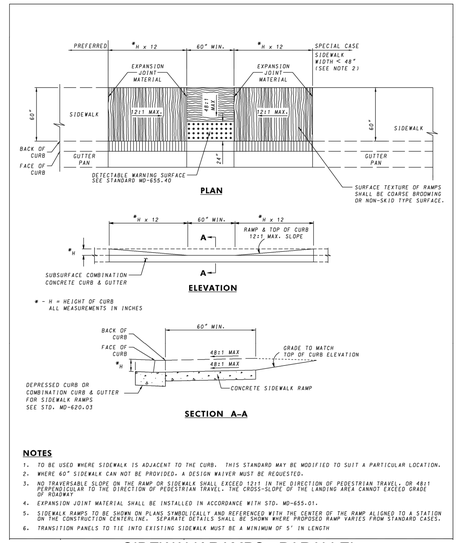


NOTES

1. TO BE USED ON WIDE SIDEWALKS OR SIDEWALKS WITH SIGNIFICANT SEPARATION FROM THE ROADWAY WHERE THE GEOMETRY SPECIFIED IN THE DETAILS ABOVE CAN BE SATISFIED. MAY BE MODIFIED TO SUIT A PARTICULAR LOCATION.
2. WHERE 60" SIDEWALK CAN NOT BE PROVIDED, A DESIGN WAIVER MUST BE REQUESTED
3. NO TRAVERSABLE SLOPE ON THE RAMP OR SIDEWALK SHALL EXCEED 12:1 IN THE DIRECTION OF PEDESTRIAN TRAVEL, OR 48:1 PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.
4. EXPANSION JOINT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH STD. MD-655.01.
5. SIDEWALK RAMPS TO BE SHOWN ON PLANS SYMBOLICALLY AND REFERENCED WITH THE CENTER OF THE RAMP ALIGNED TO A STATION ON THE CONSTRUCTION CENTERLINE. SEPARATE DETAILS SHALL BE SHOWN WHERE PROPOSED RAMP VARIES FROM STANDARD CASES.
6. TRANSITION PANELS TO TIE INTO EXISTING SIDEWALK MUST BE A MINIMUM OF 5' IN LENGTH.

SIDEWALK RAMPS - PERPENDICULAR

N.T.S.

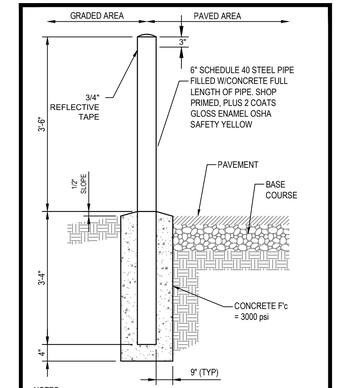


NOTES

1. TO BE USED WHERE SIDEWALK IS ADJACENT TO THE CURB. THIS STANDARD MAY BE MODIFIED TO SUIT A PARTICULAR LOCATION.
2. WHERE 60" SIDEWALK CAN NOT BE PROVIDED, A DESIGN WAIVER MUST BE REQUESTED.
3. NO TRAVERSABLE SLOPE ON THE RAMP OR SIDEWALK SHALL EXCEED 12:1 IN THE DIRECTION OF PEDESTRIAN TRAVEL, OR 48:1 PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL. THE CROSS-SLOPE OF THE LANDING AREA CANNOT EXCEED GRADE OF ROADWAY.
4. EXPANSION JOINT MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH STD. MD-655.01.
5. SIDEWALK RAMPS TO BE SHOWN ON PLANS SYMBOLICALLY AND REFERENCED WITH THE CENTER OF THE RAMP ALIGNED TO A STATION ON THE CONSTRUCTION CENTERLINE. SEPARATE DETAILS SHALL BE SHOWN WHERE PROPOSED RAMP VARIES FROM STANDARD CASES.
6. TRANSITION PANELS TO TIE INTO EXISTING SIDEWALK MUST BE A MINIMUM OF 5' IN LENGTH

SIDEWALK RAMPS - PARALLEL

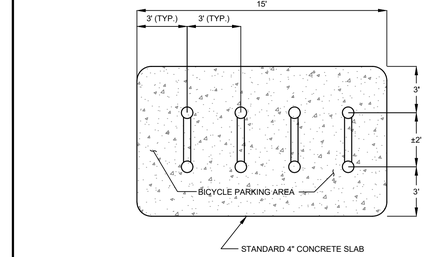
N.T.S.



NOTES:
1. ALL BOLLARDS TO BE SET PLUMB.
2. PROVIDE HDPE BOLLARD COVER.

BOLLARD DETAIL

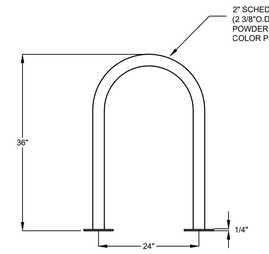
NTS



NOTES:
1. MAINTAIN 2' CLEAR SPACE FROM ANY BUILDING WALL OR OTHER OBSTRUCTION.
2. PROVIDE ONE BICYCLE PARKING SIGN AT EACH LOCATION.

TYPICAL BICYCLE PARKING PAD

NOT TO SCALE

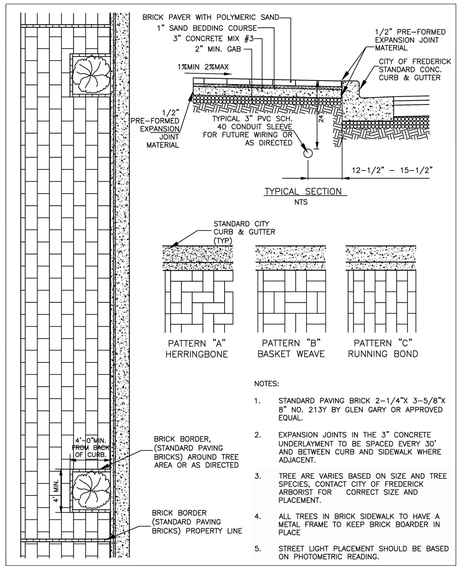


SURFACE FLANGE MOUNT (SF)

NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. OWNER TO SELECT COLOR (FINISH).
3. SEE SITE PLAN FOR LOCATION.

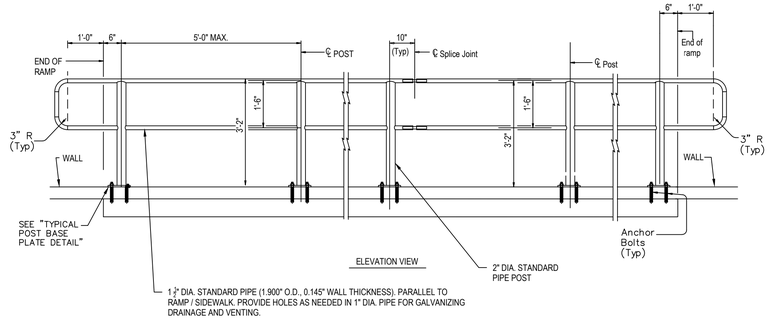
SURFACE MOUNT 2 BICYCLE RACK

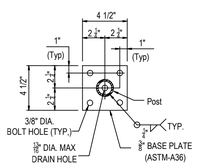
NOT TO SCALE



NOTES:
1. STANDARD PAVING BRICK 2-1/4"X 3-5/8"X 8" NO. 213Y BY GLEN GARY OR APPROVED EQUAL.
2. EXPANSION JOINTS IN THE 3" CONCRETE UNDERLAYMENT TO BE SPACED EVERY 30' AND BETWEEN CURB AND SIDEWALK WHERE ADJACENT.
3. TREE ARE VARIES BASED ON SIZE AND TREE SPECIES, CONTACT CITY OF FREDERICK ARBORIST FOR CORRECT SIZE AND PLACEMENT.
4. ALL TREES IN BRICK SIDEWALK TO HAVE A METAL FRAME TO KEEP BRICK BOARDER IN PLACE
5. STREET LIGHT PLACEMENT SHOULD BE BASED ON PHOTOMETRIC READING.

BRICK SIDEWALK DETAIL





TYPICAL POST BASE PLATE DETAIL

HANDRAIL DETAIL

NTS

NOTES

DESIGNED ACCORDING TO ADA STANDARDS, WEST VIRGINIA ACCESSIBILITY STANDARDS, UNIFORM BUILDING CODE, AND AASHTO LRFD SPECIFICATIONS.

HANDRAIL ANCHORAGE DETAILS SHOWN ON THIS STANDARD MAY REQUIRE MODIFICATION FOR SELECT STRUCTURE TYPES. SEE APPROPRIATE DETAILS ELSEWHERE IN PLANS FOR THESE MODIFICATIONS.

PIPE WILL CONFORM TO ASTM-A53 GRADE B OR A500 GRADE B. STEEL PLATES AND STEEL BARS WILL CONFORM TO ASTM-A36. MECHANICAL TUBING (MT) WILL CONFORM TO ASTM A513 GRADE 1015 OR HIGHER. GALVANIZE ALL STEEL COMPONENTS EXCEPT REINFORCING STEEL UNLESS NOTED OTHERWISE.

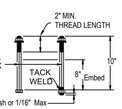
EPOXY ANCHOR BOLTS FOR WALL MOUNT AND POST BASE PLATE WILL BE ¾" DIA. ASTM A36 THREADED RODS WITH ONE HEX NUT AND ONE HARDENED STEEL WASHER AT EACH BOLT. 1" DIA. THREADED ROD EMBEDMENT DEPTH FOR WALL MOUNTS IS 3 " AND EMBEDMENT DEPTH FOR POST BASE PLATE IS 8".

EMBED THREADED RODS INTO CONCRETE WITH A TYPE III (CLASS C) EPOXY MEETING THE REQUIREMENTS OF DMS-6100, "EPOXIES AND ADHESIVES". MIX AND DISPENSE ADHESIVE WITH THE MANUFACTURER'S STATIC MIXING NOZZLE/DUAL CARTRIDGE SYSTEM. CORE DRILL HOLES (PERCUSSION DRILLING NOT PERMITTED).

OPTIONAL CAST-IN-PLACE ANCHOR BOLTS WILL BE ¾" DIA ASTM A307 GRADE A BOLTS (OR A36 THREADED RODS WITH ONE TACK WELDED HEX NUT EACH) WITH ONE HEX NUT AND ONE HARDENED STEEL WASHER AT EACH BOLT. EMBEDMENT DEPTH OF CAST-IN-PLACE BOLT WILL BE 8" FOR POST BASE PLATE.

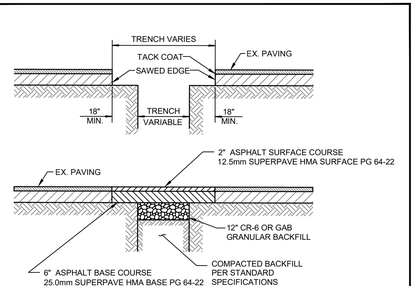
HANDRAILS AND ANY WALL OR OTHER SURFACE ADJACENT TO THEM WILL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.

¾" DIA. HEX HEAD ANCHOR BOLT (ASTM-A307) OR THREADED ROD (ASTM-A36) WITH ONE HARDENED STEEL WASHER PLACED UNDER HEX NUT. ONE ADDITIONAL HEX NUT WILL BE FURNISHED FOR EACH THREADED ROD.



CAST-IN-PLACE ANCHOR BOLT OPTIONS

(USED FO POST BASE PLATES ONLY)



ASPHALT TRENCH REPAIR

NOT TO SCALE

NOTES:
1. WHERE PROPOSED PAVEMENT CONNECTS TO EXISTING PAVEMENT, SAW CUT THE EX. PAVEMENT FOR THE FULL LENGTH OF THE CONNECTION.
2. FIELD ADJUSTMENTS SHALL BE MADE AS NECESSARY TO PROVIDE A SMOOTH TRANSITION BOTH VERTICALLY AND HORIZONTALLY FROM EXISTING TO PROPOSED PAVING SECTION.

UTILITY TRENCH BACKFILL / PAVEMENT REPAIR DETAIL

NOT TO SCALE

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGANCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

SITE DETAILS

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/31/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

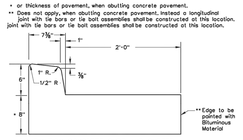
LICENSE No: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

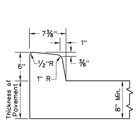
SHEET 14 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-D].DWG, 9/2/2026 4:37:25 PM, JCCL. 1:1

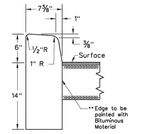
* or thickness of pavement, when abutting concrete pavement.
** Does not apply, when abutting concrete pavement. Instead a longitudinal joint with tie bars or tie bolt assemblies shall be constructed at this location.
joint with tie bars or tie bolt assemblies shall be constructed at this location.



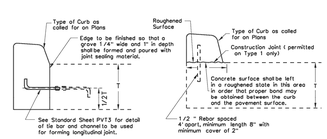
COMBINATION CONCRETE CURB AND GUTTER
TYPE I



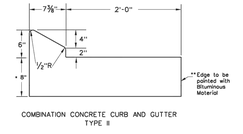
INTEGRAL CONCRETE CURBING
TYPE I



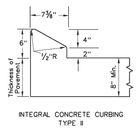
PLAIN CONCRETE CURBING
TYPE I



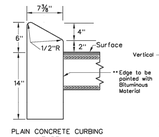
DETAILS SHOWING PLACING OF CONCRETE CURB BY SEPARATE METHODS



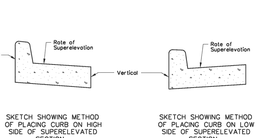
COMBINATION CONCRETE CURB AND GUTTER
TYPE II



INTEGRAL CONCRETE CURBING
TYPE II

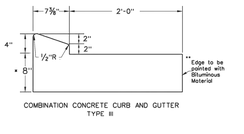


PLAIN CONCRETE CURBING
TYPE II

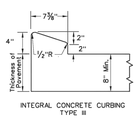


SKETCH SHOWING METHOD OF PLACING CURB ON HIGH SIDE OF SUPERELEVATED SECTION

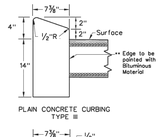
SKETCH SHOWING METHOD OF PLACING CURB ON LOW SIDE OF SUPERELEVATED SECTION



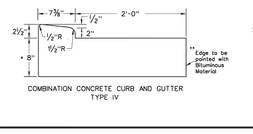
COMBINATION CONCRETE CURB AND GUTTER
TYPE III



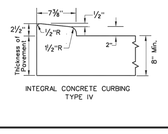
INTEGRAL CONCRETE CURBING
TYPE III



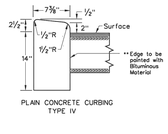
PLAIN CONCRETE CURBING
TYPE III



COMBINATION CONCRETE CURB AND GUTTER
TYPE IV



INTEGRAL CONCRETE CURBING
TYPE IV



PLAIN CONCRETE CURBING
TYPE IV

NOTES

For all Concrete Curbing, the face of the curbing shall be offset a minimum of two feet from the edge of traffic lane, unless otherwise shown on the Plans.

Construction of Concrete Curbing shall be by the "Separate Method" when sawed joints are constructed in the pavement.

All curb joints shall be made by acceptable forming methods.

For Combination Concrete Curbs And Gutters, the slope of the 2'-0" wide concrete gutter shall conform to the pavement slope or as otherwise specified on the Plans.

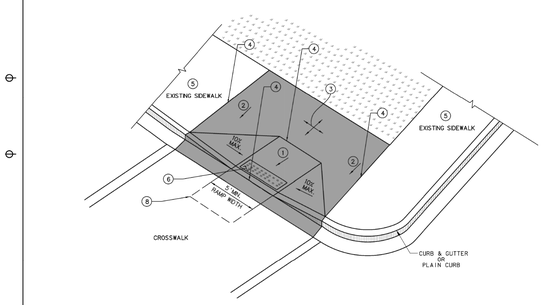
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STANDARD DETAIL

PREPARED 7-1-99

REVISION DATE
7-15-2016
10-22-2013

CONCRETE CURBING AND SIDEWALK (SHEET 1 of 2)

STANDARD SHEET PVT6



TYPE I RAMP

LEGEND

1. 8.33% (12:1) MAXIMUM RAMP SLOPE INCLUDING CONSTRUCTION TOLERANCE SLOPE OF RAMP SHALL CARRY THROUGH TO FACE OF CURB
2. CROSS SLOPE: 2.00% MAXIMUM INCLUDING CONSTRUCTION TOLERANCE
3. CURB RAMPS REQUIRE A (5'-0") MINIMUM TURNING SPACE WHERE PEDESTRIANS PERFORM TURNING MANEUVERS WITH A MAXIMUM CROSS SLOPE OF 2% AND LONGITUDINAL SLOPE MATCHING ROADWAY
4. GRADE BREAK REQUIRED TO BE FLUSH (0") AND PERPENDICULAR TO PEDESTRIAN PATH OF TRAVEL
5. IF SIDEWALK IS EXISTING AND NON-COMPLIANT SEE "TRANSITION TO EXISTING NON-COMPLIANT SIDEWALK" DETAIL SHEET 12
6. DETECTABLE WARNING SURFACE SEE "DETECTABLE WARNING SURFACE (DWS)" DETAIL SHEET 11
7. CURB WALL OR CHECK WALL AS DICTATED BY FIELD CONDITIONS, SEE "EXISTING ADJACENT SURFACE TRANSITION" DETAIL SHEET 13
8. CLEAR SPACE - WIDTH OF CURB RAMP AND EXTENDING 4' MINIMUM
9. 3/4" CHAMFER EDGE

PAY LIMITS FOR CURB RAMPS (EXCLUDING DWS)

NOT TO SCALE

NOTES

THE TYPE OF RAMP TO BE USED SHALL BE AS SPECIFIED ON THE PLANS. THESE STANDARDS CAN BE CONSIDERED GUIDELINES IN SELECTING RAMP TYPES, HOWEVER THEY CAN BE DEVIATED FROM WITH A SPECIAL DETAIL AS NOTED IN PLANS.

RAMP CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 609 OF THE CURRENT WVDOT, DOH STANDARD SPECIFICATIONS ROADS AND BRIDGES AND ANY SUBSEQUENT DOH SUPPLEMENTAL SPECIFICATIONS, AND THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG) DATED JULY 26, 2011. RAMP SURFACE SHALL INCLUDE A "DETECTABLE WARNING SURFACE" (SEE PVT7 SHT. 11 OF 13) AS SHOWN FOR EACH RAMP TYPE. A COARSE BROOM FINISH, TRANSVERSE TO FLARE SLOPES, OR EQUAL NON-SKID FINISH SHALL BE PROVIDED ON CONCRETE SURFACES.

NORMAL GUTTER FLOW LINE AND PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA, UNLESS OTHERWISE SHOWN OR SPECIFIED. POSITIVE DRAINAGE MUST BE MAINTAINED SO THAT NO PONDING OCCURS WITHIN THE RAMP OR CLEAR SPACE AREA.

1/4" MINIMUM, 1/2" MAXIMUM PREFORMED EXPANSION JOINT FILLER, MEETING THE REQUIREMENTS OF SECTION 609 OF THE SPECIFICATIONS, AS NOTED ABOVE, SHALL BE PLACED AT ALL LOCATIONS WHERE RAMP CONTACTS CURB, GUTTER, CONCRETE PAVEMENT, OR OTHER RIGID OBJECTS.

WHERE EXISTING SIDEWALK CONNECTS TO PROPOSED SIDEWALK OR RAMPS, EXPANSION JOINTS ALONG WITH DOWEL BARS WILL BE PLACED. DOWEL BARS WILL BE UTILIZED BETWEEN EXISTING AND PROPOSED TO REDUCE VERTICAL CHANGE. SEE SHEET 11 FOR ADDITIONAL INFOMATION.

SAWCUTS WILL BE UTILIZED DURING DEMOLITION OF EXISTING SIDEWALKS. SIMILAR METHODS MAY BE USED UPON APPROVAL BY FIELD ENGINEER.

RAMPS SHALL NOT BE PLACED IN LINE WITH DRAINAGE STRUCTURES. LOCATION OF THE RAMP SHALL TAKE PRECEDENCE OVER LOCATION OF THE DRAINAGE STRUCTURE, EXCEPT WHERE EXISTING STRUCTURES ARE BEING UTILIZED FOR CONSTRUCTION OF NEW RAMPS.

ANY GRATE IN PEDESTRIAN AREAS SHALL HAVE OPENINGS NOT GREATER THAN 1/2" AND SHALL BE PLACED WITH LONG DIMENSION OF OPENING PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL.

IF THE 8.33% (12:1) SLOPE CANNOT BE OBTAINED DUE TO GRADE OF THE ADJACENT ROADWAY, THE SLOPED PORTION OF THE RAMP SHALL BE EXTENDED TO A MINIMUM LENGTH OF 15'-0".

EXISTING CROSS WALK AND STOP BAR MARKINGS TO BE ERADICATED AND RELOCATED AS DICTATED BY PROPOSED RAMP LOCATIONS. COST NOT INCIDENTAL TO COST OF PROPOSED RAMP.

CURB RAMP WIDTH SHALL MATCH SIDEWALK WIDTH PLUS CLEARANCE. TYPICAL SIDEWALK WIDTH IS 5' MINIMUM. RAMP WIDTHS LESS THAN 5' REQUIRE DIVISON/DISTRICT ENGINEER APPROVAL. WIDTHS LESS THAN 4' REQUIRE AN EXCEPTION JUSTIFICATION REPORT. SEE SHEET 11 FOR INFORMATION REGARDING RAMP THICKNESS.

GRADE BREAKS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH.

CLEAR SPACE- BEYOND THE BOTTOM GRADE BREAK, A CLEAR SPACE THE WIDTH OF THE CURB RAMP AND EXTENDING 4' MINIMUM INTO THE ABUTTING ROADWAY SHALL BE PROVIDED WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL TRAVEL LANE. SURFACE TO MATCH EXISTING. ANY CLEAR SPACE WORK TO BE COMPLETED WILL BE INCIDENTAL TO THE COST OF THE RAMP.

ALL CURB RAMPS SHALL BE CONSTRUCTED TO PROVIDE ACCESS TO EXISTING OPERABLE PARTS. AN EXAMPLE OF THIS WOULD BE PEDESTRIAN PUSH BUTTONS.

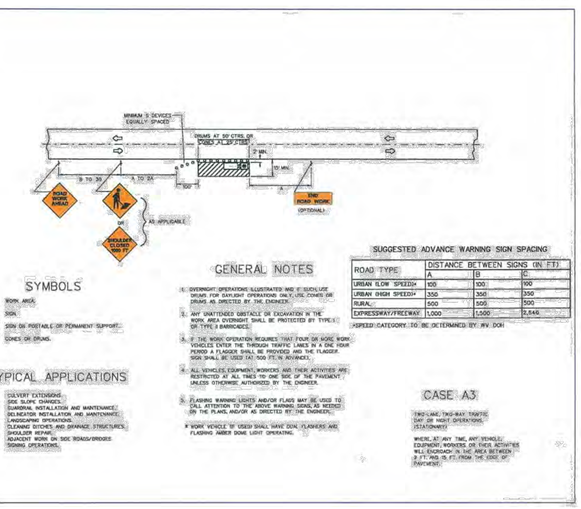
WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STANDARD DETAIL

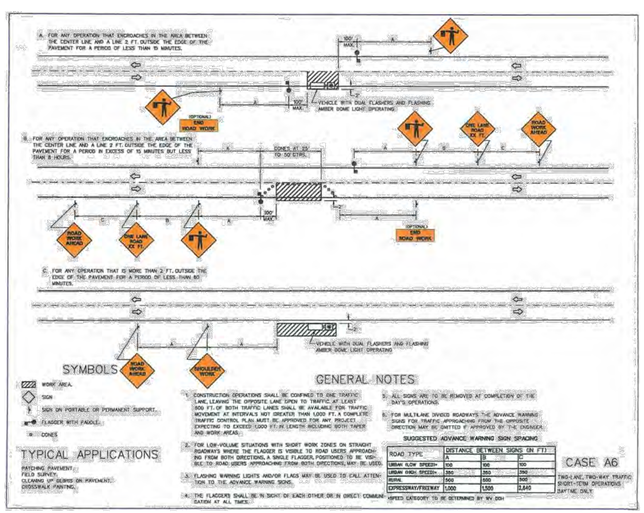
PREPARED 1-4-1999

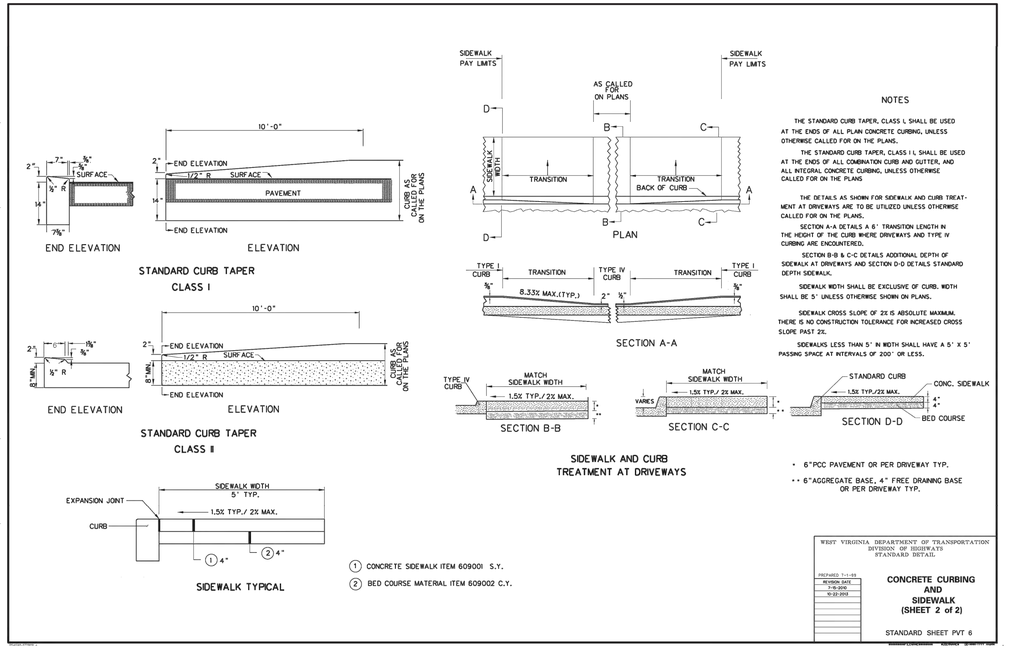
REVISION DATE
7-15-2016
10-22-2013
5/2/03
5/2/02

SIDEWALK RAMPS (Sheet 1 of 13) TYPE I RAMP

STANDARD SHEET PVT 7







NOTES

THE STANDARD CURB TAPER, CLASS I, SHALL BE USED AT THE ENDS OF ALL PLAIN CONCRETE CURBING, UNLESS OTHERWISE CALLED FOR ON THE PLANS.

THE STANDARD CURB TAPER, CLASS I I, SHALL BE USED AT THE ENDS OF ALL COMBINATION CURB AND GUTTER, AND ALL INTEGRAL CONCRETE CURBING, UNLESS OTHERWISE CALLED FOR ON THE PLANS.

THE DETAILS AS SHOWN FOR SIDEWALK AND CURB TREATMENT AT DRIVEWAYS ARE TO BE UTILIZED UNLESS OTHERWISE CALLED FOR ON THE PLANS.

SECTION A-A DETAILS A 6' TRANSITION LENGTH IN THE HEIGHT OF THE CURB WHERE DRIVEWAYS AND TYPE IV CURBING ARE ENCOUNTERED.

SECTION B-B & C-C DETAILS ADDITIONAL DEPTH OF SIDEWALK AT DRIVEWAYS AND SECTION D-D DETAILS STANDARD DEPTH SIDEWALK.

SIDEWALK WIDTH SHALL BE EXCLUSIVE OF CURB. WIDTH SHALL BE 5' UNLESS OTHERWISE SHOWN ON PLANS.

SIDEWALK CROSS SLOPE OF 2% IS ABSOLUTE MAXIMUM. THERE IS NO CONSTRUCTION TOLERANCE FOR INCREASED CROSS SLOPE PAST 2%.

SIDEWALKS LESS THAN 5' IN WIDTH SHALL HAVE A 5' X 5' PASSING SPACE AT INTERVALS OF 200' OR LESS.

1. CONCRETE SIDEWALK ITEM 609001 S.Y.
2. BED COURSE MATERIAL ITEM 609002 C.Y.

- 6"PCC PAVEMENT OR PER DRIVEWAY TYP.
- • 6"AGGREGATE BASE, 4" FREE DRAINING BASE OR PER DRIVEWAY TYP.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STANDARD DETAIL

PREPARED 7-1-99

REVISION DATE
7-15-2016
10-22-2013

CONCRETE CURBING AND SIDEWALK (SHEET 2 of 2)

STANDARD SHEET PVT 6

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEIDOS Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY	REVISION	DATE

WVDOH RIGHT-OF-WAY SITE DETAILS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
9/2/24

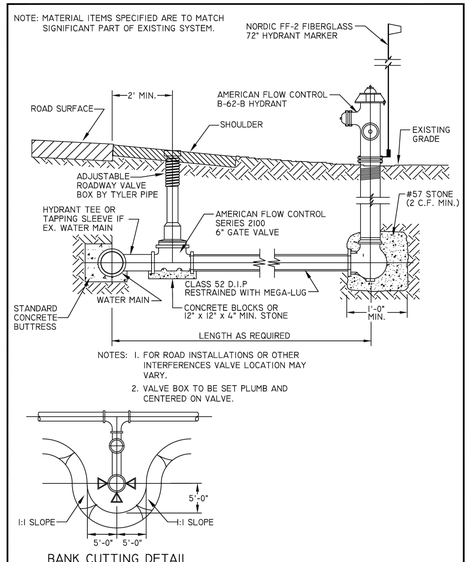
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No.: 16914 EXP. DATE: 12/31/26

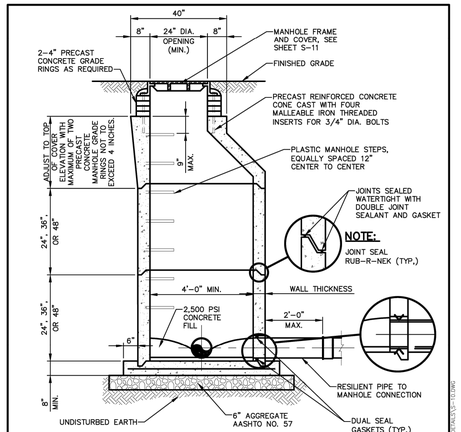
PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 15 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\Const Docs\CD-01.dwg, 9/2/2026 4:37:46 PM, JCEC, 11



Charles Town Utility Board 832 S. George Street, P.O. Box 359, Charles Town, WV 25414 Phone: (304) 725-2316 • Fax: (304) 725-4313	FIRE HYDRANT WITH TAPPING SLEEVE AND VALVE DETAIL	Standard Detail No. W-5 NOT TO SCALE APRIL 2015



NOTE:
SEE SHEET S-10A FOR MANHOLE NOTES

Charles Town Utility Board 661 S. George Street, Suite 101, Charles Town, WV 25414 Phone: (304) 725-2316 Fax: (304) 725-4313	PRECAST MANHOLE WITH ECCENTRIC TOP DETAIL	Standard Detail No. S-10 NOT TO SCALE JULY 2025

GENERAL NOTES:

1. CONCRETE MANHOLES AND BASES SHALL CONFORM TO ASTM C-478.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A-185.
3. FOR MANHOLES IN FLOODPLAINS AND/OR WHERE GROUNDWATER IS PRESENT, THE EXTERIOR SURFACE OF THE MANHOLE SHALL BE COATED WITH (2) TWO COATS OF A BITUMASTIC COATING SYSTEM, 8 MILS DFT PER COAT OF CARBOLINE 300M OR EQUAL.
4. FOR FORCE MAIN DISCHARGES AND TWO (2) DOWNSTREAM MANHOLES, THE ENTIRE INTERIOR SURFACE OF THE MANHOLE SHALL BE COATED WITH A MINIMUM 50 MIL DFT AROMATIC POLYUREA COATING SYSTEM, OBIC 1000 OR EQUAL.
5. ALL MANHOLE CONCRETE SHALL CONTAIN A 1% BY WEIGHT OF CEMENT CONCRETE WATERPROOFING ADMIXTURE, XYPEX C-1000 OR EQUAL.
6. MANHOLES FOR SEWER PIPE 24"-36" SHALL HAVE A 5'-0" MIN. INSIDE DIAMETER, AND POTENTIALLY SHALL BE USED IF ANGLE OF DEFLECTION DOES NOT PERMIT USE WITH A 4' MANHOLE.
7. FLOW CHANNELS SHALL PRECISELY ALIGN WITH THE ORIENTATION OF THE INCOMING/OUTGOING DISCHARGE SEWERS, FLOW CHANNEL RADIUS SHALL NOT EXCEED 90°. ALL LEDGES SHALL BE POSITIVELY SLOPED FROM MANHOLE WALL TO THE FLOW CHANNELS.

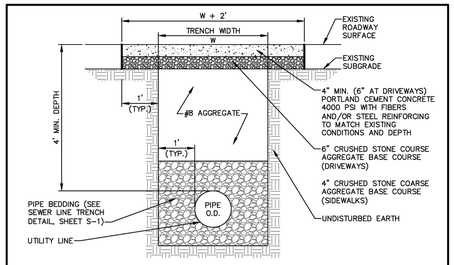
MANHOLE STEPS NOTES:

1. DISTANCE FROM RIM OF MANHOLE TO TOP OF STEP SHALL NOT EXCEED 30".
2. DISTANCE FROM BOTTOM STEP TO FLOOR OF MANHOLE SHALL NOT BE GREATER THAN 2 FEET.
3. DO NOT LOCATE STEPS OVER CHANNELS.

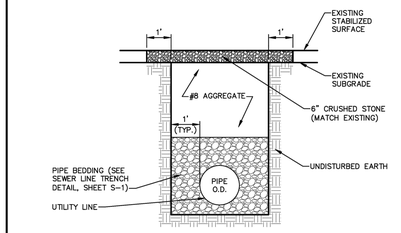
DROP CONNECTION NOTE:

AN INSIDE DROP CONNECTION SHALL BE INSTALLED WHEN THE PIPE INVERTS INTO THE MANHOLE ARE 2'-0" OR MORE ABOVE INVERT OUT OF THE MANHOLE. THE ENTIRE OUTER SURFACE AND CONCRETE ENCASEMENT AROUND THE MANHOLE AND THE CONNECTIONS SHALL BE COATED WITH TWO COATS OF BITUMASTIC.

Charles Town Utility Board 661 S. George Street, Suite 101, Charles Town, WV 25414 Phone: (304) 725-2316 Fax: (304) 725-4313	PRECAST MANHOLE NOTES	Standard Detail No. S-10A NOT TO SCALE JULY 2025

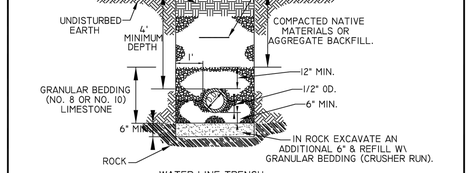


TYPE A
TRENCH REPAIR CONCRETE DRIVEWAYS AND SIDEWALKS



TYPE B
TRENCH REPAIR STABILIZED AREAS

Charles Town Utility Board 661 S. George Street, Suite 101, Charles Town, WV 25414 Phone: (304) 725-2316 Fax: (304) 725-4313	TYPE A AND B TRENCH REPAIR DETAILS	Standard Detail No. S-2 NOT TO SCALE JULY 2025



WATER LINE TRENCH

NOTES:

1. W = MAXIMUM PERMISSIBLE TRENCH WIDTH, BASED UPON, W = O.D. + 24", UNLESS APPROVED BY THE ENGINEER.
2. TRENCHES TO BE SHEETED AND BRACED AS REQUIRED.
3. PROVIDE BEARING FOR FULL LENGTH OF BARREL, DIG HOLES FOR THE BELL.
4. BACKFILL TO BE COMPACTED IN 6" LAYERS TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE (+2%) IN ROADS AND STREETS. COMPACT TO MATCH EXISTING GROUND IN OTHER AREAS.
5. MAINTAIN MINIMUM OF 4' OF COVER TO THE TOP OF PIPE.
6. A CASING PIPE SHALL BE REQUIRED IN ROAD CROSSINGS WHERE SHOWN ON PLANS
7. ALL WATER LINES REQUIRE PERMIT FROM APPLICABLE REGULATORY ENTITIES. PERMIT REQUIREMENTS SUPERCEDE WHAT IS SHOWN ON THIS DETAIL.

Charles Town Utility Board 832 S. George Street, P.O. Box 359, Charles Town, WV 25414 Phone: (304) 725-2316 • Fax: (304) 725-4313	WATER LINE TRENCH DETAIL	Standard Detail No. W-9 NOT TO SCALE APRIL 2015

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEGANCE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DATE	REVISION	DRAWN BY

WATER AND SEWER DETAILS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
9/2/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 16 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:38:01 PM, JCECIL

EAST 5TH AVE

EAST 3RD AVE

SOUTH FAIRFAX BOULEVARD

S. MILDRED STREET

LANCASTER CIRCLE

EXISTING HOSPITAL

THE CHARLES TOWN GENERAL HOSPITAL
AREA = 231,623 Sq.Ft. OR 5.3173 Ac.±

COURTYARD
FF=537.62

FF=537.62

EXISTING BUILDING

PROPOSED BUILDING EXPANSION
GF = 522.29
FF = 537.62

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

Kahler Slater
WVUMedicine
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS
CMTA A Leonics Company

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

LANDSCAPE PLAN
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER
SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

JOSEPH H. CICCI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
9/27/24

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA
LICENSE No.: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 17 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/27/2026 4:38:28 PM, JCICI, 1:1

PLANT LIST

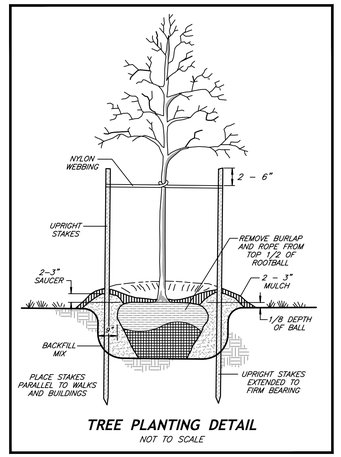
Trees					
Key	**Qty.**	**Botanical Name**	**Common Name**	**Size**	**Condition**
AR	5	Acer rubrum 'Armstrong'	Armstrong Red Maple	2-1/2" cal. min.	B&B
AS	5	Acer grandidentatum x saccharum 'Hipzam'	Highland Park Maple	2-1/2" cal. min.	B&B
CC	3	Cercis canadensis	Redbud	5-6'T	B&B
GT	4	Gleditsia triacanthos 'Shademaster'	Shademaster Honeylocust	2-1/2" cal. min.	B&B
LS	2	Liquidambar styraciflua 'Ward' Cherokee	Cherokee Sweetgum	2-1/2" cal. min.	B&B
ML	1	Magnolia x loebneri 'Leonard Messel'	Leonard Messel Magnolia	5-6'T	B&B
NS	4	Nyssa sylvatica 'Wildfire'	Wildfire Black Gum	2-1/2" cal. min.	B&B
TT	5	Tilia tomentosa 'Sterling'	Sterling Silver Linden	2-1/2" cal. min.	B&B
Total	**29**				

Shrubs					
Key	**Qty.**	**Botanical Name**	**Common Name**	**Size**	**Condition**
CA	15	Cotoneaster apiculatus	Cranberry cotoneaster	24" T / 5 gal	Cont.
CO	18	Cotoneaster hessei	Hessei cotoneaster	24" T / 5 gal	Cont.
CH	8	Clethra alnifolia 'Hummingbird'	Hummingbird summersweet	24" T / 5 gal	Cont.
HP	5	Hydrangea paniculata 'Little Lime'	Little Lime Hydrangea	24" T / 5 gal	Cont.
ID	12	Ilex glabra ' Densa'	Densa Inkberry	24" T / 5 gal	Cont.
IG	11	Ilex glabra 'Shamrock'	Shamrock Inkberry	24" T / 5 gal	Cont.
IV	9	Itea virginica	Virginia Sweetspire	24" T / 5 gal	Cont.
JC	20	Juniperus chinensis 'Gold Lace'	Gold Lace Juniper	24" T / 5 gal	Cont.
JH	9	Juniperus horizontalis	Creeping juniper	24" T / 5 gal	Cont.
PL	8	Prunus laurocerasus 'Otto Luyken'	Otto Luyken English Laurel	24" T / 5 gal	Cont.
SP	19	Syringa pubescens 'Miss Kim'	Miss Kim Lilac	24" T / 5 gal	Cont.
VC	6	Viburnum carlesii	Koreanspice viburnum	24" T / 5 gal	Cont.
WG	15	Weigela florida 'Variegata'	Variegated Weigela	24" T / 5 gal	Cont.

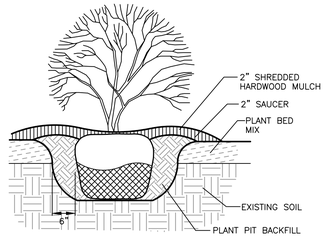
Perennials, Grasses and Vines					
Key	**Qty.**	**Botanical Name**	**Common Name**	**Size**	**Condition**
CK	41	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 Gal	Cont.
LM	57	Liriope muscari	Creeping Lilyturf	1 Gal	Cont.
PV	18	Panicum virgatum	Northwind Upright Switchgrass	2 Gal	Cont.
PA	27	Pennisetum alopecuroides 'Little Bunny'	Little Bunny Fountain Grass	1 Gal	Cont.
SN	18	Salvia nemorosa 'Rosenwein'	Rose wine sage	1 Gal	Cont.
BC	11	Bignonia capreolata	Crossvine	3 gal	Cont.

LANDSCAPE NOTES

1. The landscape contractor shall verify the quantities of plant material shown on the plan and shall provide and plant all material in accordance with the plan.
2. Plant material shall conform to the current issue of the American Standard for Nursery Stock published by the American Association of Nurserymen.
3. Plant material shall be installed in accordance with the "Landscape Specification Guidelines" by the Landscape Contractors Association of Maryland, the District of Columbia and Virginia (latest edition).
4. The landscape contractor shall notify Miss Utility to verify the location of utilities in the field before proceeding with the installation.
5. All plants six feet in height and taller are to be staked as noted in the "Landscape Specification Guidelines" and the staking detail on this plan.
6. Planting areas are to have a minimum 18" depth of clean soil for the entire area of the planting. Clean soil must include existing on-site soil, but must be free of chemical substances and debris over 1½" diameter. The top 4 inches of the soil shall be topsoil meeting the criteria of the "Landscape Specification Guidelines".
7. The plants are to be planted into prepared planting beds. A 2" layer of organic material, as defined in the "Landscape Specification Guidelines", shall be thoroughly cultivated into the bed area. The backfill mixture for trees and shrubs shall be existing soil mixed with ¼ organic material, plus compost.
8. The edge of the mulch bed shall be formed as a 2" to 3" deep "V" trench to separate the mulch bed from the grass lawn area. The trench shall form a smooth, continuous curve, as shown on the Landscape Plan. The "V" trench shall be maintained, as necessary, to prevent the encroachment of grass into the bed.
9. After planting, the entire bed is to receive 2" to 3" of mulch. Mulch shall be composted, shredded, hardwood bark mulch, dark brown in color.
10. The landscape contractor shall use a pre-emergent, soil applied, herbicide on the mulched bed areas, in accordance with the manufacturer's recommendations. Apply the pre-emergent herbicide only when all foliage is dry to prevent foliar burn.
11. All trees that are not in designated planter beds shall receive a 4'-5' diameter mulch bed around the trunk with 2" to 3" of dark, shredded, hardwood bark mulch.
12. The landscaping is to be maintained with living plant material. The warranty is for a (1) one year period, excluding bulbs and annuals, commencing on the date of initial acceptance. All plants shall be alive and in satisfactory growth at the end of the guarantee period. Any material that is 25% dead or more shall be considered dead and must be replaced at no charge. A tree shall be considered dead when the main leader has died back, or 25% of the crown is dead. The warranty may be void if proper care, by the owner or the owner's maintenance contractor, is not provided.



TREE PLANTING DETAIL
NOT TO SCALE



SHRUB PLANTING DETAIL
NOT TO SCALE

Kahler Slater

WVUMedicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEIDOS Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853

82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009

WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

LANDSCAPE NOTES AND DETAILS

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECI REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 12/31/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No. 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 18 OF 21

H:\CARLSON PROJECTS\25132256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:38:39 PM, JCECI, 1:1

SEDIMENT & EROSION CONTROL NOTES

1. ALL SOIL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE "2006 WEST VIRGINIA SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MANUAL" AND THE PROVISIONS OF THE APPROVED PLAN.
2. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES (BMP'S) ARE TO BE CONSTRUCTED AND/OR INSTALLED PRIOR TO OR AT THE INITIATION OF GRADING IN ACCORDANCE WITH "2006 WEST VIRGINIA SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MANUAL", AND THE APPROVED PLAN.
3. FOR INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, TEMPORARY OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN:
   A. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
   B. SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
6. STOCKPILES MUST BE STABILIZED IN ACCORDANCE WITH THE 7 DAY STABILIZATION REQUIREMENT, AS WELL AS, STANDARD B-4-1 INCREMENTAL STABILIZATION AND STANDARD B-4-4 TEMPORARY STABILIZATION (AS APPLICABLE).
7. ALL CONSTRUCTED CHANNELS AND SWALES SHALL HAVE SPECIFIED TREATMENT INSTALLED TO THE DESIGN FLOW DEPTH COMPLETED DOWNSTREAM TO UPSTREAM AS CONSTRUCTION PROGRESSES. AN INSTALLATION DETAIL SHALL BE SHOWN ON THE PLANS.
8. ALL STORM DRAIN AND SANITARY SEWER LINES NOT IN PAVED AREAS ARE TO BE SEEDED AND MULCHED WITHIN 3 DAYS OF INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
9. ELECTRIC POWER, TELEPHONE, AND GAS LINES ARE TO BE COMPACTED, SEEDED, AND MULCHED WITHIN 3 DAYS AFTER INITIAL BACKFILL UNLESS OTHERWISE SPECIFIED ON PLANS.
10. NO SLOPE SHALL BE GREATER THAN 2:1.
11. DURING CONSTRUCTION, ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED AFTER EACH RAINFALL AND REPAIRED IF NECESSARY. SEDIMENT TO BE REMOVED TO A SUITABLE DISPOSAL AREA AND STABILIZED WITH PERMANENT VEGETATIVE COVER.
12. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL DISTURBED AREAS ARE STABILIZED.
13. AFTER FINE GRADING, ALL DISTURBED AREAS ARE TO BE PERMANENTLY SEEDED AND MULCHED IN ACCORDANCE WITH PERMANENT SEEDING SUMMARY.
14. ALL SPOIL AND/OR BORROW MUST COME FROM AND GO TO A SITE WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLAN.
15. CONTRACTOR TO ONLY OPEN UP LENGTH OF TRENCH THAT CAN BE CONSTRUCTED AND BACKFILLED IN ONE WORKING DAY IN PAVED AREAS.
16. IN AREAS WHERE THE CONSTRUCTION TAKES PLACE OUTSIDE OF THE EXISTING ROADBED, CONTRACTOR TO INSTALL SILT FENCE ALONG THE DOWNHILL SIDE OF THE TRENCH BEFORE BEGINNING CONSTRUCTION AND PLACE EXCAVATED MATERIAL FROM THE TRENCH ON THE UPHILL SIDE.
17. IF DEWATERING OF THE TRENCH IS REQUIRED, CONTRACTOR TO PUMP WATER TO A FILTER BAG TO DEWATER.
18. CONTRACTOR TO SWEEP STREETS OF ANY DEBRIS OR SEDIMENTS CAUSED BY CONSTRUCTION OPERATIONS AND DISPOSE OF AT AN APPROVED LOCATION.
19. CONTRACTOR TO STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH OR APPROPRIATE STREET REPAIR.

STOCKPILE NOTES

1. NO STOCKPILING ALLOWED ON ASPHALT.
2. ALL STOCKPILES LEFT AT THE END OF EACH WEEK NEED TO BE STABILIZED UNTIL THE NEXT REDISTURBANCE.

TEMPORARY SEEDING

INTRODUCTION TEMPORARY EROSION CONTROL MEASURES CONSIST OF SEEDING AND MULCHING, OR MATTING USED TO PRODUCE A QUICK GROUND COVER TO REDUCE EROSION ON EXPOSED SOILS THAT MAY BE REDISTURBED OR PERMANENTLY STABILIZED AT A LATER DATE.

CONDITIONS WHERE PRACTICE APPLIES

USE THIS METHOD WHERE EXPOSED SOIL SURFACES ARE NOT TO BE FINE-GRADED FOR PERIODS LONGER THAN 21 DAYS. SUCH AREAS INCLUDE DENUDED AREAS, SOIL STOCKPILES, DIKES, DAMS, SIDES OF SEDIMENT BASINS, TEMPORARY ROAD BANKS, ETC. A PERMANENT VEGETATIVE COVER SHALL BE APPLIED TO AREAS THAT WILL BE LEFT UNWORKED FOR A PERIOD OF MORE THAN SIX MONTHS.

CONSTRUCTION SPECIFICATIONS

PRIOR TO SEEDING, INSTALL NECESSARY EROSION CONTROL PRACTICES SUCH AS DIKES, WATERWAYS, AND BASINS.

PLANT SELECTION SELECT PLANTS APPROPRIATE TO THE SEASON AND SITE CONDITIONS.

SEEDBED PREPARATION TO CONTROL EROSION ON BARE SOIL SURFACES, PLANTS MUST BE ABLE TO GERMINATE AND GROW. SEEDBED PREPARATION IS ESSENTIAL. IF THE AREA HAS BEEN RECENTLY LOOSENED OR DISTURBED, NO FURTHER ROUGHENING IS REQUIRED. WHEN THE AREA IS COMPACTED, CRUSTED, OR HARDENED, THE SOIL SURFACE MUST BE LOOSENED BY DISKING, RAKING, HARROWING, OR OTHER ACCEPTABLE MEANS (SEE SURFACE ROUGHENING SECTION).

SEEDING SEED SHALL BE EVENLY APPLIED WITH A BROADCAST SEEDER, DRILL, CULTIPACKER SEEDER OR HYDROSEEDER. SMALL GRAINS SHALL BE PLANTED NO MORE THAN 1.5 INCHES DEEP. SMALL SEEDS, SUCH AS ANNUAL RYE, SHALL BE PLANTED NO MORE THAN QUARTER INCH DEEP. OTHER GRASSES AND LEGUMES SHALL BE PLANTED NO MORE THAN HALF INCH DEEP.

MULCHING TEMPORARY SEEDING CONDUCTED IN FALL FOR WINTER COVER AND DURING HOT AND DRY SUMMER MONTHS SHALL BE MULCHED WITH STRAW OR HAY ACCORDING TO THE STANDARD FOR MULCHING. HYDROMULCHES (FIBER MULCH) MAY NOT PROVIDE ADEQUATE TEMPERATURE AND MOISTURE CONTROL.

MAINTENANCE AREAS THAT FAIL TO ESTABLISH A VEGETATIVE COVER ADEQUATE TO PREVENT RILL EROSION SHOULD BE RE-SEEDED AS SOON AS SUCH AREAS ARE IDENTIFIED.

Table 3.10.1 Temporary seed chart

PLANT NAMES		PLANTING DATES	APPLICATION RATE LBS/ACRE
COMMON	SCIENTIFIC		
Annual Ryegrass	*Lolium multiflorum*	2/16 – 5/15 8/1 – 11/1	40
Field Bromegrass	*Bromus ciliatus*	3/1 – 6/15 8/1 – 9/15	40
Spring Oats	*Avena sativa*	3/1 –6/15	100
Winter Rye	*Secale cereale*	8/15 –2/28	170
Winter Wheat	*Triticum aestivum*	8/15 – 2/28	180
Japanese Millet	*Echinochloa crusgalli*	5/15 – 8/15	30
Redtop	*Agrostis alba*	3/1 – 6/15	10
Annual Ryegrass and Spring Oats	*Lolium multiflorum* *Avena sativa*	3/1 – 6/15	30 70
German/Foxtail Millet	*Setaria italica*	5/1 – 8/1	40
Hairy Vetch	*Vicia villosa*	8/15 – 4/1	60

*Inoculation is required. If a hydroseeder is utilized, the application rate is 5 times the recommended rate.

PERMANENT SEEDING

PERMANENT SEEDING IS THE ESTABLISHMENT OF PERENNIAL VEGETATIVE COVER ON DISTURBED AREAS BY PLANTING SEED.

PURPOSE1.TO REDUCE EROSION AND DECREASE SEDIMENT YIELD FROM DISTURBED AREAS.2.TO PERMANENTLY STABILIZE DISTURBED AREAS IN A MANNER THAT IS ECONOMICAL,ADAPTABLE TO SITE CONDITIONS AND ALLOWS SELECTION OF THE MOST APPROPRIATE

CONDITIONS WHERE PLANT MATERIALS PRACTICE APPLIES. DISTURBED AREAS WHERE PERMANENT, LONG-LIVED VEGETATIVE COVER IS NEEDED TOSTABILIZE THE SOIL.2.ROUGH-GRADED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE FOR SIX MONTHS ORMORE.

SOILS

SOILS IN WEST VIRGINIA USUALLY REQUIRE SOME NITROGEN FERTILIZATION ALONG WITH PHOSPHORUS AND POTASSIUM TO ESTABLISH PLANTS. EXCEPT FOR SHALLOW LIMESTONE SOILS IN GREENBRIER, POCAHONTAS, JEFFERSON AND BERKELEY COUNTIES, AND SOME SMALL POCKETS ELSEWHERE, LIME IS UNIVERSALLY NEEDED.
MICROCLIMATES, OR LOCALIZED CLIMATE CONDITIONS, AFFECT PLANT GROWTH. A SOUTH-FACING SLOPE IS DRIER AND HOTTER THAN A NORTH-FACING SLOPE, AND MAY REQUIRE DROUGHT-TOLERANT PLANTS. SHADED AREAS REQUIRE SHADE-TOLERANT PLANTS; THE WINDWARD SIDE OF A RIDGE WILL BE DRIER THAN THE LEEWARD, ETC. SHALEY SOILS ARE DROUGHTY.
THE ADDITION OF LIME IS EQUALLY AS IMPORTANT AS APPLYING FERTILIZER. LIME IS BEST KNOWN AS A PH OR ACIDITY MODIFIER, BUT IT ALSO SUPPLIES CALCIUM AND MAGNESIUM, WHICH ARE PLANT NUTRIENTS. MORE IMPORTANTLY, THE CORRECT PH FREES UP NUTRIENTS TO THE PLANT. SOILS WITH A PH THAT IS TOO LOW WILL NOT ALLOW A PLANT TO UTILIZE NITROGEN AND PHOSPHORUS PROPERLY, RAISING THE PH CAN ALSO PREVENT ALUMINUM TOXICITY BY MAKING ALUMINUM LESS SOLUBLE IN THE SOIL. MANY SOILS IN WEST VIRGINIA ARE HIGH IN ALUMINUM, WHICH CAN STUNT THE GROWTH OF PLANT ROOTS. ALSO REMEMBER THAT RAINFALL IS ACIDIC, COMPOUNDING THE LOW PH PROBLEM IN THE SOIL.

SEED MIXTURES

ONCE THE SOIL TEMPERATURE IS CORRECT, THE TWO KEY LIMITING FACTORS OF SEED GERMINATION ARE PH AND MOISTURE. IF YOU CONTROL THESE TWO FACTORS, YOUR CHANCES OF SUCCESS ARE GREATLY ENHANCED.
AS PREVIOUSLY NOTED, THE ESTABLISHMENT OF HIGH QUALITY TURF FREQUENTLY INVOLVES PLANTING ONE SINGLE SPECIES. HOWEVER, IN SEEDINGS FOR EROSION CONTROL PURPOSES, THE INCLUSION OF MORE THAN ONE SPECIES SHOULD ALWAYS BE CONSIDERED. MIXTURES NEED NOT BE EXCESSIVE IN POUNDAGE OR SEED COUNT. THE ADDITION OF A QUICK-GROWING ANNUAL PROVIDES EARLY PROTECTION AND FACILITATES ESTABLISHMENT OF ONE OR TWO PERENNIALS IN A MIX. MORE COMPLEX MIXTURES MIGHT INCLUDE A QUICK-GROWING ANNUAL, ONE OR TWO LEGUMES AND MORE THAN ONE PERENNIAL GRASS. THE ADDITION OF A NURSE CROP (QUICK-GROWING ANNUALS ADDED TO PERMANENT MIXTURES) IS A SOUND PRACTICE FOR SOIL STABILIZATION, PARTICULARLY ON DIFFICULT SITES - THOSE WITH STEEP SLOPES, POOR, ROCKY, EROSIVE SOILS. THOSE SEEDED OUTSIDE OF THE OPTIMUM SEEDING PERIODS OR IN ANY SITUATION WHERE THE PERMANENT COVER DEVELOPMENT IS LIKELY TO BE SLOW. THE NURSE CROP GERMINATES AND GROWS RAPIDLY, HOLDING THE SOIL UNTIL THE SLOWER-GROWING PERENNIAL (PERMANENT) SEEDLINGS BECOME ESTABLISHED.

MAINTENANCE

EVEN WITH CAREFUL, WELL-PLANNED SEEDING OPERATIONS, FAILURES OCCUR. WHEN IT IS CLEAR THAT PLANTS HAVE NOT GERMINATED ON AN AREA OR HAVE DIED, THESE AREAS MUST BE PREPARED AND RESEEDED IMMEDIATELY TO PREVENT EROSION DAMAGE. IT IS EXTREMELY IMPORTANT TO DETERMINE WHY GERMINATION DID NOT TAKE PLACE AND MAKE ANY NECESSARY CORRECTIVE ACTIONS. **HEALTHY VEGETATION IS THE MOST EFFECTIVE EROSION CONTROL AVAILABLE**. SOME HIGHLY ACIDIC SOILS (ESPECIALLY AROUND VARIOUS COAL SEAMS IN THE COALFIELDS) WILL RESIST THE BEST EFFORTS TO REVEGETATE THEM. IN THESE CASES, TOPSOLING WILL BE THE ONLY WAY TO ESTABLISH VEGETATION.

Table 3.11.1 Permanent seeding

SEED MIX	PLANT NAMES		APPLICATION RATE LBS/ACRE
	COMMON	SCIENTIFIC	
A	Kentucky 31 Fescue Red Fescue Birdsfoot Trefoil	*Festuca arundinacea* *Festuca rubra* *Lotus corniculatus*	65 20 5
B	Switchgrass Perennial Ryegrass Redtop Birdsfoot Trefoil	*Panicum virgatum* *Lolium perenne* *Agrostis alba* *Lotus corniculatus*	15 20 5 15
C	Red Fescue Kentucky Bluegrass Merion Bluegrass	*Festuca rubra* *Poa pratensis* *Poa pratensis*	20 40 30
D	Kentucky 31 Fescue Red Fescue Kentucky Bluegrass White Dutch Clover	*Festuca arundinacea* *Festuca rubra* *Poa pratensis* *Trifolium repens*	45 20 25 5
E	Perennial Ryegrass Switchgrass Crownvetch or Perennial Pea	*Lolium perenne* *Panicum virgatum* *Coronilla varia* *Lathyrus latifolius*	30 15 20 30
F	Orchardgrass Ladino Clover Redtop	*Dactylis glomerata* *Trifolium repens* *Agrostis alba*	20 5 5
G	Birdsfoot Trefoil Weeping Lovegrass Perennial Ryegrass	*Lotus corniculatus* *Eragrostis curvula* *Lolium perenne*	15 45 10
H	Crownvetch Orchardgrass	*Coronilla varia* *Dactylis glomerata*	25 40
I	Crownvetch Perennial Ryegrass	*Coronilla varia* *Lolium perenne*	25 30
J	Perennial Pea Orchardgrass	*Lathyrus latifolius* *Dactylis glomerata*	30 30
K	Deertongue Birdsfoot Trefoil Weeping Lovegrass	*Panicum clandestinum* *Lotus corniculatus* *Eragrostis curvula*	30 15 5
L	Orchardgrass Serecia Lespedeza Ladino Clover	*Dactylis glomerata* *Lespedeza cunata* *Trifolium repens*	30 40 5
M	Perennial Ryegrass Ladino Clover Redtop	*Lolium perenne* *Trifolium repens* *Agrostis alba*	50 5 5
N	Crownvetch Orchardgrass Redtop	*Coronilla varia* *Dactylis glomerata* *Agrostis alba*	15 30 5

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEONE Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966
FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-8009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

SEDIMENT & EROSION CONTROL NOTES AND DETAILS
WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECH REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER 9/2/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

LICENSE No: 16914 EXP. DATE 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

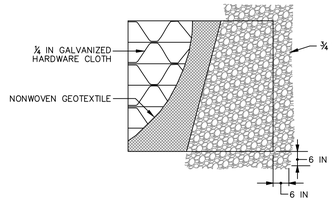
SHEET 19 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:38:52 PM, JCECH, 1:1

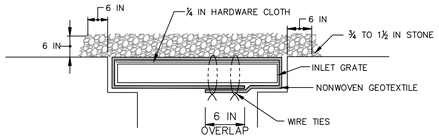
DETAIL E-9-2 AT-GRADE INLET PROTECTION

STANDARD SYMBOL: AGIP

MAXIMUM DRAINAGE AREA = 1 ACRE



PLAN / CUT AWAY VIEW



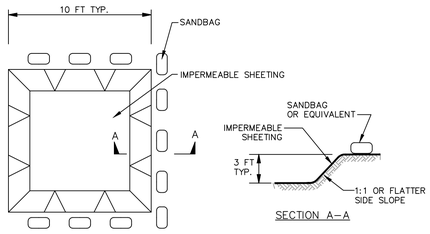
CROSS SECTION

CONSTRUCTION SPECIFICATIONS

1. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
2. LIFT GRATE AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS. SECURE WITH WIRE TIES AND SET GRATE BACK IN PLACE.
3. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE 6 INCHES THICK ON THE GRATE.
4. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

DETAIL H-6 ONSITE CONCRETE WASHOUT STRUCTURE

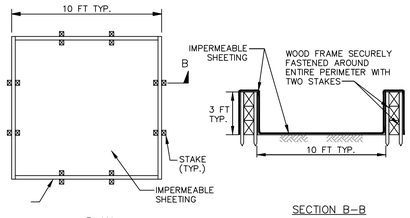
STANDARD SYMBOL: CWS



PLAN

SECTION A–A

EXCAVATED WASHOUT STRUCTURE



PLAN

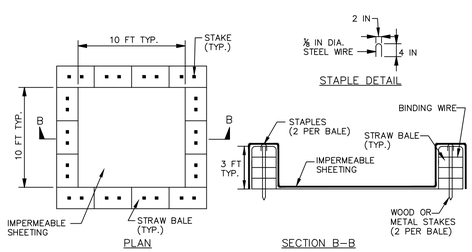
SECTION B–B

WASHOUT STRUCTURE WITH WOOD PLANKS

1 OF 2

DETAIL H-6 ONSITE CONCRETE WASHOUT STRUCTURE

STANDARD SYMBOL: CWS



PLAN

SECTION B–B

NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

WASHOUT STRUCTURE WITH STRAW BALES

CONSTRUCTION SPECIFICATIONS

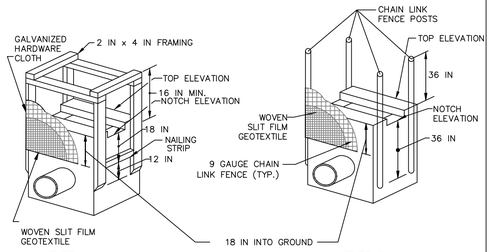
1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

2 OF 2

DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL: SIP

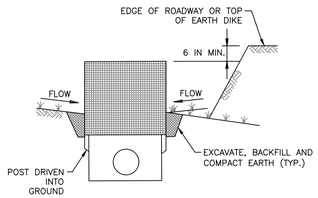
TYPE A MAXIMUM DRAINAGE AREA = ¼ ACRE
TYPE B MAXIMUM DRAINAGE AREA = 1 ACRE



TYPE A

TYPE B

ISOMETRIC VIEW



SECTION FOR TYPE A AND B

1 OF 2

3.02 - STABILIZED CONSTRUCTION ENTRANCE

Introduction Large quantities of mud can be tracked onto public and private roads causing dangerous driving conditions and muddy runoff when it rains. Construction entrances are stabilized to reduce the amount of sediment transported onto paved roads by vehicles or equipment by constructing a stabilized pad of stone at entrances to construction sites.

Conditions Where Practice Applies Stabilized Construction Entrances shall be installed wherever construction traffic enters and leaves a site.

Design Criteria

1. Use 2-4 inch stone for low volume entrances, larger stone (4-6 inch) for heavy use or material delivery entrances.
2. Length is as required, but not less than 70 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness should be not less than 6 inches.
4. The width shall be a minimum of 10 feet, but not less than the full width at points where ingress or egress occurs.
5. Geotextile fabric shall be placed over the entire area prior to the placing of stone.
6. All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If a culvert is impractical, a mountable berm with 5:1 slopes shall be used.
7. If necessary, divert any water running down access road to a sediment trap located on either side of the Stabilized Construction Entrance.

Maintenance The entrance shall be maintained in a condition that will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

Wheels on all vehicles shall be cleaned to remove sediment prior to entrance onto public rights-of-way. If washing is required, it shall be done on an area stabilized with stone and which drains into approved sediment trapping device. If the street is washed precautions must be taken to prevent muddy water from running into waterways or storm sewers.

Inspection and needed maintenance should be provided daily but at a minimum every seven days and after every rain of 0.5 inch or greater.

FIGURE 3.02.1

STONE CONSTRUCTION ENTRANCE

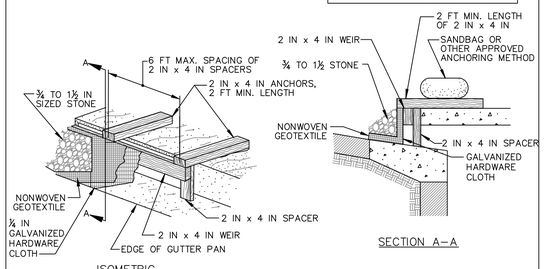
SOURCE: ADAPTED from 1983 Maryland Standards for Soil Erosion and Sediment Control and Va. DSWC

3.02-2

DETAIL E-9-3 CURB INLET PROTECTION

STANDARD SYMBOL: CIP

MAXIMUM DRAINAGE AREA = ¼ ACRE



ISOMETRIC

SECTION A–A

CONSTRUCTION SPECIFICATIONS

1. USE NOMINAL 2 INCH x 4 INCH LUMBER
2. USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
3. NAIL THE 2x4 WEIR TO 9 INCH LONG VERTICAL SPACERS (MAXIMUM 6 FEET APART).
4. ATTACH A CONTINUOUS PIECE OF ¼ INCH GALVANIZED HARDWARE CLOTH, WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2x4 WEIR, EXTENDING IT 2 FEET BEYOND THROAT ON EACH SIDE.
5. PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE OF THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH TO THE 2x4 WEIR.
6. PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL TO 2x4 ANCHORS (MINIMUM 2 FEET LENGTH). EXTEND THE ANCHORS ACROSS THE INLET TOP AND HOLD IN PLACE BY SANDBAGS OR OTHER APPROVED ANCHORING METHOD.
7. INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING.
8. FORM THE HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND FACE OF CURB TO SPAN THE INLET OPENING. COVER THE HARDWARE CLOTH AND GEOTEXTILE WITH CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE.
9. AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET BYPASS.
10. STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT, IT IS CLOGGED. WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN, OR REPLACE GEOTEXTILE AND STONE.

Kahler Slater

WVU Medicine

O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEONIS Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438

FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS
981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853
82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009
WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY | REVISION | DATE

SEDIMENT & EROSION CONTROL NOTES AND DETAILS

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: AS NOTED

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF VIRGINIA PROFESSIONAL ENGINEER

12/3/26

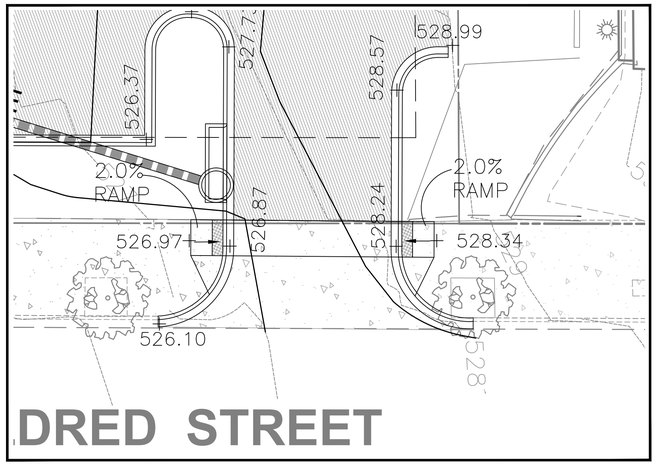
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA

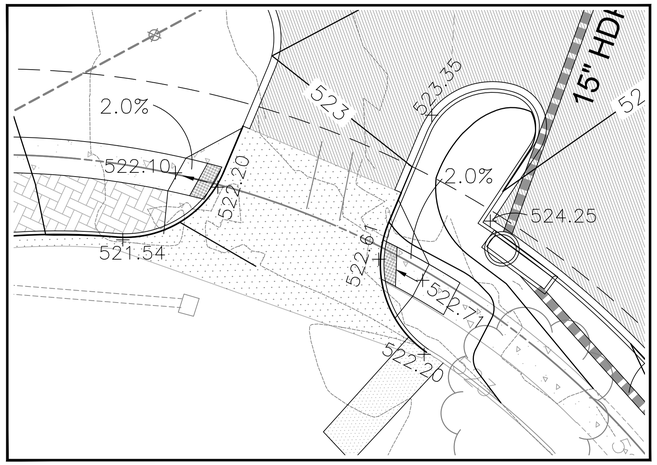
LICENSE No: 16914 EXP. DATE: 12/31/26

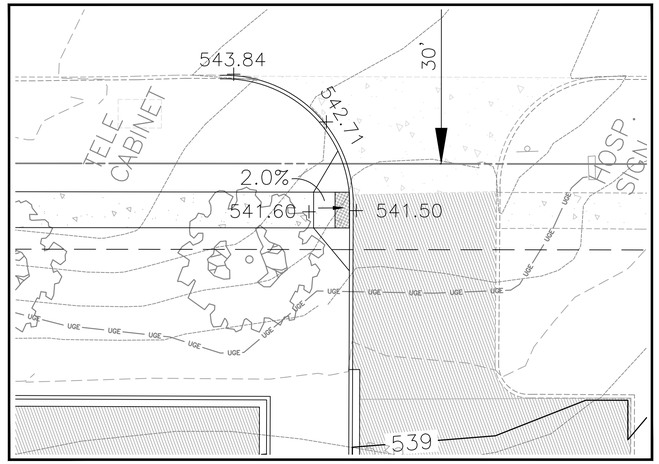
PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER, 2026
DRAWN BY: JHC
CHECKED BY: JHC

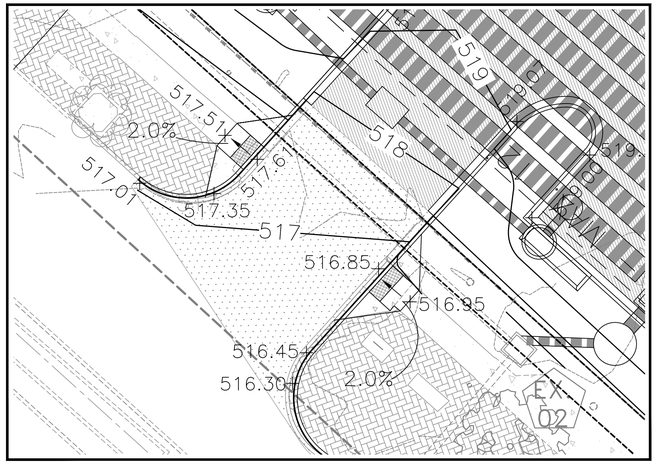
SHEET 20 OF 21

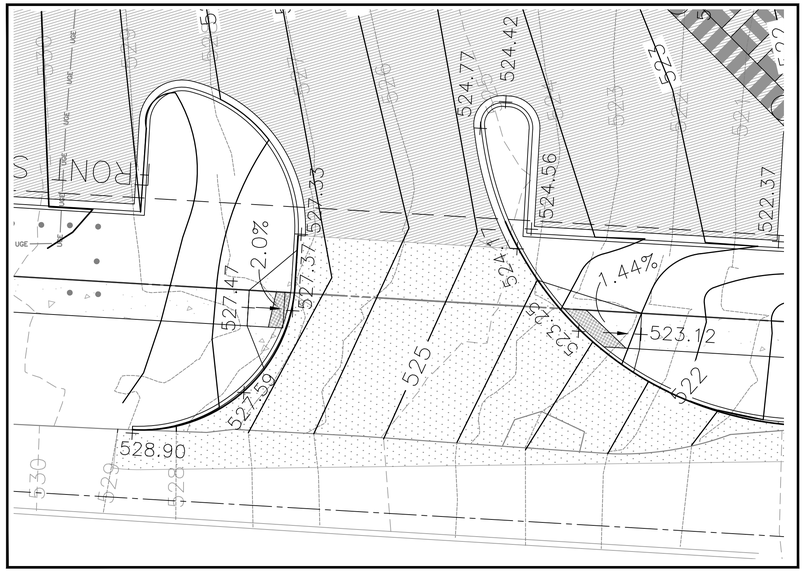
H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:59:05 PM, JCECIL











CURB RAMP NOTES

1. THE TYPE OF RAMP TO BE USED SHALL BE AS SPECIFIED ON THE PLANS.
2. RAMP CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 609 OF THE CURRENT WVDOT, DOH STANDARD SPEFICIATIONS ROADS AND BRIDGES AND ANY SUBSEQUENT DOH SUPPLEMENTAL SPECIFICATIONS, AND THE PUBLIC RIGHTS OF WAY ACCESSIBILITY GUIDELINES (PROWAG) DATED JULY 26, 2011. RAMP SURFACE SHALL INCLUDE A "DETECTABLE WARNING SURFACE" (SEE PVT7 SHT. 11 OF 13) AS SHOWN FOR EACH RAMP TYPE. A COARSE BROOM FINISH, TRANSVERSE TO FLARE SLOPES, OR EQUAL NON-SKID FINISH SHALL BE PROVIDED ON CONCRETE SURFACES.
3. NO TRAVERSABLE SLOPE ON THE RAMP OR SIDEWALK SHALL EXCEED 12:1 IN THE DIRECTION OF PEDESTRIAN TRAVEL, OR 48:1 PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL. THE CROSS-SLOPE OF THE LANDING AREA CANNOT EXCEED GRADE OF ROADWAY.
5. IF THE 8.33% (12:1) SLOPE CANNOT BE OBTAINED DUE TO GRADE OF THE ADJACENT ROADWAY, THE SLOPED PORTION OF THE RAMP SHALL BE EXTENDED TO A MINIMUM LENGTH OF 15 '-0'.
6. NORMAL GUTTER FLOW LINE AND PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA, UNLESS OTHERWISE SHOWN OR SPECIFIED. POSITIVE DRAINAGE MUST BE MAINTAINED SO THAT NO PONDING OCCURS WITHIN THE RAMP OR CLEAR SPACE AREA.

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

Kahler Slater

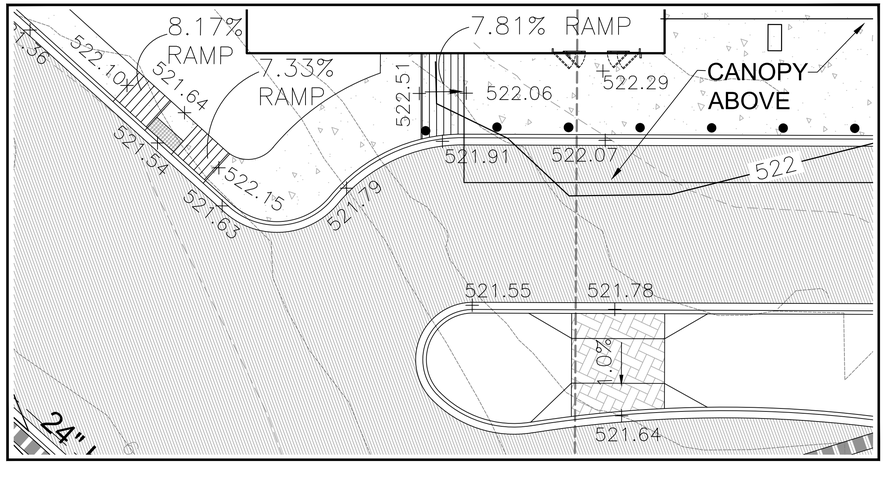
WVU Medicine

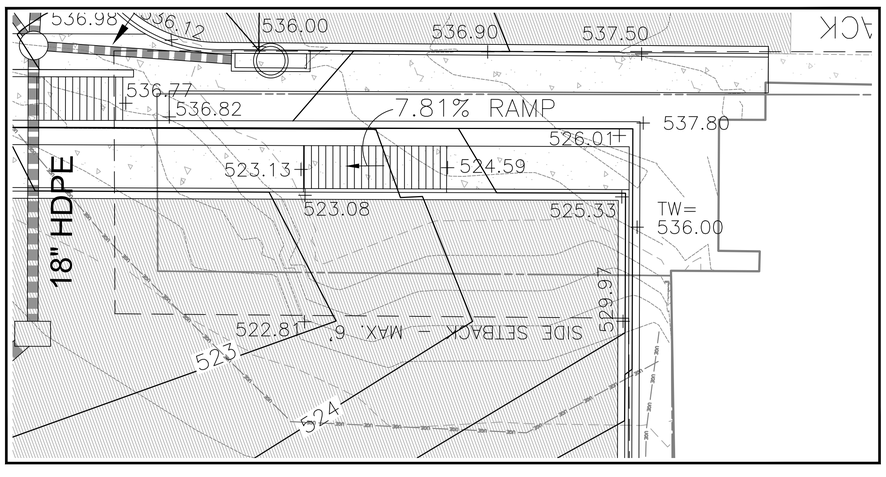
O'DONNELL & NACCARATO STRUCTURAL ENGINEERS

CMTA A LEONICS Company

OWNER / DEVELOPER

THE CHARLES TOWN GENERAL HOSPITAL
dba JEFFERSON MEDICAL CENTER
300 S. PRESTON ST.
RANSON, WV 25438





FOX & ASSOCIATES INC. Est. 1966

FOX & ASSOCIATES, INC.
ENGINEERS•SURVEYORS•PLANNERS

981 MT. AETNA ROAD
HAGERSTOWN, MD. 21740
PHONE: (301)733-8503
or (301)416-7250
FAX: (301)733-1853

82 WORMANS MILL COURT
SUITE 'G'
FREDERICK, MD. 21701
PHONE: (301)695-0880
FAX: (301)293-6009

WWW.FOXASSOCIATESINC.COM Email: FOXFREDERICK@FOXASSOCIATESINC.COM

DRAWN BY:

REVISION

DATE

CURB RAMP GRADING DETAIL

WEST VIRGINIA UNIVERSITY MEDICINE
JEFFERSON MEDICAL CENTER

SITUATED AT 300 S. PRESTON ST.
CITY OF RANSON, WV 25438
JEFFERSON COUNTY

SCALE: 1"=10'

PROFESSIONAL CERTIFICATION

JOSEPH H. CECIL REGISTERED 16914 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER
12/31/26
9/2/26

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF WEST VIRGINIA.

LICENSE No: 16914 EXP. DATE: 12/31/26

PROJECT NO. 25-32256
DRAWING NO. D-3662
DATE: SEPTEMBER 2026
DRAWN BY: JHC
CHECKED BY: JHC

SHEET 21 OF 21

H:\CARLSON PROJECTS\25\32256 KAHLER SLATER - JEFFERSON MEDICAL CENTER\DWG\CONST DOCS\CD-01.DWG, 9/2/2026 4:39:27 PM, JCECIL