REPLACE INNER PERIMETER FENCE, ADMINISTRATION BUILDING HAWTHORN CHILDREN'S PSYCHIATRIC HOSPITAL ST. LOUIS, MISSOURI

DRAWING SHEET INDEX			
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OWNER: STATE OF MISSOURI

MICHAEL L. PARSON, GOVERNOR

DEPARTMENT OF MENTAL HEALTH

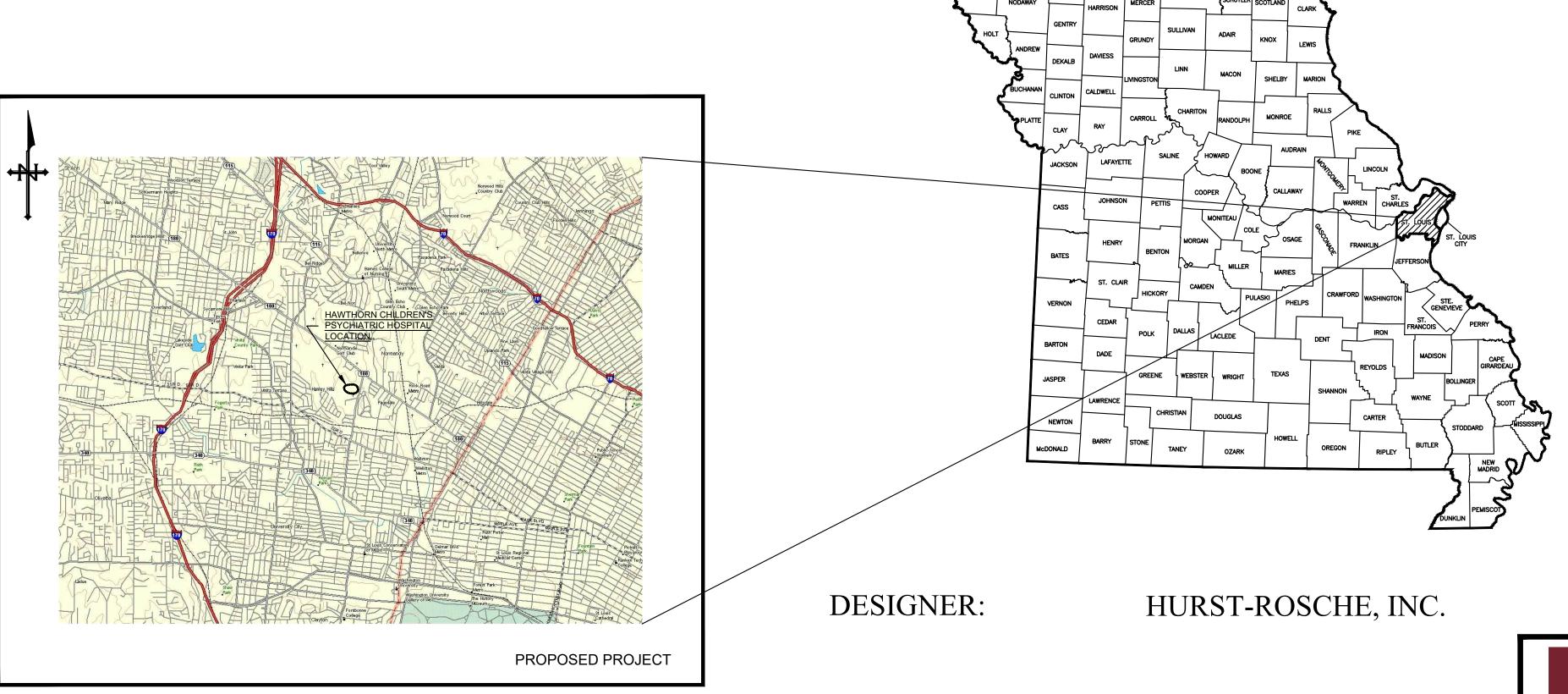
PROJECT OFFICE OF ADMINISTRATION

DIVISION OF FACILITIES MANAGEMENT. MANAGEMENT:

DESIGN AND CONSTRUCTION

UNDERGROUND UTILITY NOTE

SHOWN ARE FROM AVAILABLE RECORDS. THEREFORE, THE RELATIONSHIP BETWEEN THE NEW WORK AND THE EXISTING FACILITIES, STRUCTURES, O AND THE EXISTENCE OF ANY NOT SHOWN. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND THE OWNER AS TO THE RELOCATION OR OF ANY UTILITIES SHOWN OR NOT SHOWN



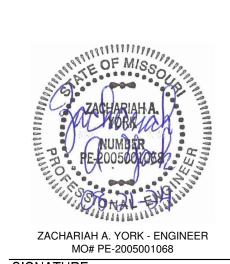
VICINITY MAP

PROJECT NUMBER:

M2415-01

SITE NUMBER: ASSET NUMBER:

7390 6517390002



SIGNATURE 08-21-2024

01 OF 04 SHEETS AUGUST 21, 2024 PROFESSIONAL SEAL

HIF

Hurst-Rosche, Inc

3675 W. Outer Rd., Suite 205

Arnold, MO 63010

636.333.3351 t

www.hurst-rosche.com

HILLSBORO, IL EAST ST. LOUIS, IL MARION, IL SPRINGFIELD, IL

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SHEET NUMBER:

GENERAL NOTES

- 1. EXISTING SITE IMPROVEMENTS DISTURBED OUTSIDE THE DESIGNATED CONSTRUCTION AREAS ARE TO REPLACED WITH EQUAL OR BETTER CONSTRUCTION AT THE EXPENSE OF THE CONTRACTOR. EVERY EFFORT SHALL BE MADE TO MINIMIZE SUCH DISTURBANCES. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO EXISTING CONSTRUCTION AND UTILITIES TO REMAIN AND SHALL REPAIR DAMAGE CAUSED BY THE WORK AT NO ADDITIONAL COST TO THE OWNER.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. DAMAGE RESULTING FROM IMPROPER MAINTENANCE OF DRAINAGE SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. COST OF MAINTAINING FLOWS IS INCIDENTAL TO THE CONTRACT.
- 3. THE CONTRACTOR SHALL TAKE NOTE OF <u>ALL</u> EXISTING CONDITIONS AND BE PREPARED TO MOVE OR DISPOSE OF OBJECTS OR MATERIALS WITHIN THE LIMITS OF THE PROJECT. SUCH WORK SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE.
- 4. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND NEW DIMENSIONS WITH FIELD CONDITIONS PRIOR TO BIDDING, FABRICATION AND CONSTRUCTION AND MAKE MINOR ADJUSTMENTS AS NECESSARY AND NOTIFY THE ENGINEER OF ANY CONDITIONS THAT MAY AFFECT THE OUTCOME OF THE WORK.
- 5. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, ENGINEER, AND OTHER TRADES THROUGHOUT THE PROJECT.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION PRIOR TO ANY WORK AND MAINTENANCE THROUGHOUT THE PROJECT OF ALL NECESSARY SEDIMENT AND EROSION CONTROL MEASURES AND MODEL BEST MANAGEMENT PRACTICES (BMP) FOR LAND DISTURBANCE. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING EROSION OF THE SOIL EXPOSED BY DISTURBANCE DUE TO HIS/HER OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL EROSION CONTROL MEASURES AND REPAIR OF ANY ERODED AREAS AFTER PROJECT ACCEPTANCE AND VEGETATION IN ALL LAWN DISTURBED AREAS HAS BEEN ESTABLISHED. NO ADDITIONAL COMPENSATION IS ALLOWED FOR TEMPORARY EROSION CONTROL
- 7. NO WORK SHALL OCCUR ON THE SITE UNTIL ALL NECESSARY PERMITS ARE SECURED WITH OWNER. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED AND FUNCTIONING BEFORE ANY PERMIT WILL BE ISSUED. PERMITS AND LICENSES NECESSARY FOR THE PROCESSION OF WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
- 8. ALL DISTURBED AREAS AND LAWN AREA, EXCLUDING PAVED AND BUILDING AREAS, SHALL BE GRADED, SEEDED, FERTILIZED, MULCHED AND STRAWED WITHIN 14 DAYS FROM THE COMPLETION OF GRADING OPERATIONS OR SUSPENSION OF WORK AS DIRECTED BY THE ENGINEER.
- 9. CONCRETE STRUCTURES SHALL BE CONSTRUCTED OF PRE-CAST CONCRETE. SHOP DRAWINGS SHALL BE REQUIRED FOR ALL CONCRETE STRUCTURES.
- 10. ALL ELEVATIONS SHOWN ARE REFERENCED TO THE CONTROL POINTS SHOWN HEREIN.
- 11. ALL TEMPORARY AGGREGATE PLACED BY THE CONTRACTOR SHALL BE REMOVED, GRADED, SEEDED, FERTILIZED. MULCHED AND STRAWED AT THE COMPLETION OF THE CONTRACT AS DIRECTED BY THE ENGINEER.
- 12. STORE TOPSOIL ONSITE AT AN APPROVED LOCATION AS DIRECTED BY THE ENGINEER AND OWNER. EXCESS TOPSOIL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
- 13. ANY PROPERTY CORNERS OR OTHER PERMANENT SURVEY CONTROL MONUMENTS DISTURBED BY CONSTRUCTION SHALL BE VERIFIED AND/OR RESET AT THE CONCLUSION OF THE PROJECT CONSTRUCTION BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF MISSOURI AND EMPLOYED BY THE CONTRACTOR. WRITTEN VERIFICATION SHALL BE PROVIDED TO THE OWNER, THROUGH THE ENGINEER, THAT ALL SAID EXISTING PROPERTY CORNERS AND/OR PERMANENT SURVEY CONTROL MONUMENTS SHOWN IN THE CONSTRUCTION PLANS HAVE BEEN PROTECTED AND/OR RESET.
- 14. RIGHT-OF-WAYS, PROPERTY LINES AND TOPOGRAPHY SHOWN HEREON HAVE BEEN TAKEN FORM THE BEST AVAILABLE RECORDS AND MUST BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION.
- 15. PROPERTY LINES ARE BASED ON GIS INFORMATION, AS SHOWN, OBTAINED FROM THE ST. LOUIS COUNTY, MISSOURI GIS WEBSITE.
- 16. THE ACTUAL LOCATION OF THE STORMWATER CONNECTION WILL BE FIELD LOCATED BY CONTRACTOR AND COORDINATED WITH THE OWNER AND ENGINEER. CONTRACTOR TO FIELD LOCATE THE EXISTING STORMWATER AND CONNECT THE PROPOSED STORMWATER TO SAID EXISTING STORMWATER.
- 17. PRESERVE EXISTING TREES, WOODLANDS AND UNDERSTORY OUTSIDE THE LIMITS OF CONSTRUCTION. CONTRACTOR SHALL BE VERY CONSCIENCE ABOUT ADJACENT TREE REMOVAL TO CONSTRUCTION AREAS. CONTRACTOR SHALL ONLY REMOVE THE MINIMUM AMOUNT OF NECESSARY TRESS TO COMPLETE THIS PROJECT. CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH THE OWNER TO DETERMINE THE TREES THE OWNER WOULD LIKE REMOVED AND THE TREES THE OWNER WOULD LIKE TO PRESERVE.
- 18. EXISTING FENCING THAT IS NECESSARY TO BE REMOVED AND REPLACED TO INSTALL PROPOSED IMPROVEMENTS SHALL BE REMOVED AND REPLACED TO THE SAME LOCATION PRIOR TO REMOVAL, ONCE THE EXISTING FENCING IS REMOVED DURING CONSTRUCTION THE CONTRACTOR SHALL INSTALL TEMPORARY INTERIM FENCING AND SAID TEMPORARY FENCING SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL THE EXISTING FENCING IS TO BE REPLACED AS CLOSE TO ITS ORIGINAL CONDITION AS POSSIBLE, TEMPORARY FENCING TO BE STRUCTURALLY SOUND AND CAPABLE OF CONFINING CHILDREN AND FAMILY PETS TO THE FENCED YARD AREA, CONTRACTOR MAY REUSE EXISTING FENCING MATERIALS SO LONG AS THE MATERIALS ARE IN GOOD, STABLE, AESTHETICALLY PLEASING CONDITION, IF NOT, THE EXISTING FENCING MATERIALS SHALL BE REPLACED WITH NEW MATERIALS OF SAME TYPE OF CONSTRUCTION, SIZE AND DIMENSIONS, EXISTING FENCING MATERIALS TO BE COORDINATED WITH AND AGREED UPON BY THE OWNER FOR REUSE ON THE PROJECT.

- 1. CONTRACTOR SHALL NOTIFY THE OWNER AND ALL LOCAL GOVERNING AGENCIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 2. CONTRACTOR TO PROVIDE ADEQUATE OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES. PARKING ON NON-SURFACED AREAS IS PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEE VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY
- 3. CONTRACTOR SHALL KEEP ALL PAVEMENT SURFACES CLEAR OF MUD AND DEBRIS. ALL PAVEMENT
- 5. WHERE NATURAL VEGETATION IS REMOVED DURING GRADING, VEGETATION SHALL BE REESTABLISHED IN SUCH A DENSITY AS TO PREVENT EROSION.
- 6. WHEN WORK OPERATIONS ARE COMPLETED OR SUSPENDED FOR MORE THAN 14 DAYS, ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO RETAIN SOIL MATERIALS ONSITE. PROTECTIVE MEASURES MAY BE REQUIRED SUCH AS PERMANENT SEEDING, PERIODIC WETTING, MULCHING, OR OTHER SUITABLE MEANS.
- 7. IF CUT AND FILL OPERATIONS OCCUR DURING A SEASON NOT FAVORABLE FOR IMMEDIATE ESTABLISHMENT OF PERMANENT GROUND COVER. A FAST GERMINATING ANNUAL SUCH AS RYE GRASSES OR SUDAN GRASSES SHALL BE UTILIZED TO RETARD EROSION. IF ADEQUATE STORMWATER DETENTION AND EROSION CONTROL
- 8. ALL FINISHED GRADES (AREAS NOT TO BE DISTURBED BY FUTURE IMPROVEMENT) IN EXCESS OF 3:1 (H:V) SLOPES SHALL BE MULCHED BY CONSTRUCTING EROSION CONTROL BLANKET PER PROJECT SPECIFICATIONS.
- 9. NO EXCAVATION SHALL BE MADE SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PROPERTY OR ANY PUBLIC OR PRIVATE STREET WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY OR PUBLIC OR PRIVATE STREET FROM SETTLING, CRACKING OR OTHER DAMAGE.
- 10. STORM WATER STRUCTURES, PIPES, OUTLETS AND CHANNELS SHALL BE PROTECTED BY SILT BARRIERS AND KEPT FREE OF WASTE AND SILT AT ALL TIMES PRIOR TO FINAL SURFACE STABILIZATION AND/OR PAVING.
- 11. SILTATION FENCES SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY STORM EVENT FOR DAMAGE AND THE AMOUNT OF SEDIMENT THAT HAS ACCUMULATED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 THE HEIGHT OF THE SILTATION FENCE OR 12", WHICHEVER IS LESS.
- 12. STRAW BALES SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY STORM EVENT FOR DAMAGE, DETERIORATION AND THE AMOUNT OF SEDIMENT THAT HAS ACCUMULATED. BALES THAT HAVE ROTTED OR FAILED SHALL BE REPLACED. REMOVAL OF SEDIMENT WILL BE REQUIRED WHEN IT REACHES 1/2 THE
- 13. ALL TRASH AND DEBRIS ONSITE, EITHER EXISTING OR FROM CONSTRUCTION, MUST BE REMOVED AND PROPERLY DISPOSED OF OFFSITE. EXCESS, SURPLUS, UNUSABLE, UNSTABLE AND/OR UNSUITABLE MATERIALS RESULTING FROM CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS/HER OWN EXPENSE IN A LEGAL MANNER, OUTSIDE THE SUBJECT PROPERTY IN SUCH A MANNER THAT PUBLIC OR PRIVATE PROPERTY WILL NOT BE DAMAGED OR ENDANGERED. COORDINATE
- 14. ALL EXCAVATIONS, GRADING OR FILLING SHALL HAVE A FINISHED GRADE NOT TO EXCEED A 3:1 SLOPE (33%), UNLESS SPECIFICALLY APPROVED OTHERWISE.
- 15. CONTRACTOR TO INSTALL ALL PROPOSED IMPROVEMENTS TO MATCH ALL EXISTING GRADES. UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL GRADE AND PREPARE ALL SUBGRADES TO WITHIN 0.1 FEET, MORE OR LESS, OF PLAN GRADE.
- 16. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM ALL EXISTING AND PROPOSED STRUCTURES AT A MINIMUM SLOPE OF 2%, UNLESS OTHERWISE NOTED. ALL ONSITE STORMWATER FLOWS SHALL BE DIRECTED AND POSITIVELY DRAINED TO PROPOSED AND/OR EXISTING STORM FACILITIES, STRUCTURES, SWALES OR OFFSITE. STORMWATER SHALL BE DISCHARGED AT AN ADEQUATE NATURAL DISCHARGE POINT. SINKHOLES ARE NOT ADEQUATE NATURAL DISCHARGE POINTS. PONDING OF STORMWATER WILL NOT BE PERMITTED DURING OR AFTER CONSTRUCTION.
- 17. CONTRACTOR TO REMOVE AND DISPOSE OF ALL VEGETATION AFFECTING CONSTRUCTION WITHIN THE CONSTRUCTION LIMITS SHOWN ON THE PLANS, UNLESS OTHERWISE NOTED. ALL REMOVED VEGETATION SHALL BE DISPOSED OF WITHIN 7 DAYS OF REMOVAL.
- 19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE UTILITY PROPERTY FROM CONSTRUCTION UTILITIES FROM DAMAGE DURING CONSTRUCTION.

SITE GRADING NOTES:

- AND DRIVING CONDITIONS.
- SURFACES USED FOR CONSTRUCTION ACCESS THERETO SHALL BE CLEANED THROUGHOUT THE DAY.
- 4. EROSION AND SILTATION CONTROL SHALL BE INSTALLED PRIOR TO ANY WORK AND BE MAINTAINED THROUGHOUT THE PROJECT TO PREVENT DAMAGE OF OFFSITE PROPERTIES UNTIL ACCEPTANCE OF THE WORK BY THE OWNER AND/OR CONTROLLING REGULATORY AGENCY, PAVEMENT SURFACE HAS BEEN INSTALLED AND ADEQUATE VEGETATIVE GROWTH IN ALL DISTURBED AREAS HAS BEEN ESTABLISHED AND INSURES NO FURTHER EROSION OF THE SOIL.
- DEVICES HAVE NOT BEEN ESTABLISHED.

- INTERIM STORM WATER DRAINAGE CONTROL IN THE FORM OF SILTATION CONTROL MEASURES IS REQUIRED.
- HEIGHT OF THE BALES OR 12", WHICHEVER IS LESS.

- 18. THE REMOVAL OF ALL UNUSABLE, UNSTABLE AND/OR UNSUITABLE MATERIALS IN ALL CUT AND FILL AREAS AND THEIR REPLACEMENT WITH SATISFACTORY MATERIAL, WHERE REQUIRED, SHALL BE INCIDENTAL TO THE CONTRACT.
- OPERATIONS. THE MISSOURI ONE CALL SYSTEM NUMBER IS 800-344-7483. A MINIMUM OF THREE WORKING DAYS ADVANCE NOTICE IS REQUIRED. THE CONTRACTOR SHALL ALSO UTILIZE A CONTRACT UTILITY LOCATE SERVICE TO LOCATE EXISTING ONSITE PRIVATE UTILITIES TO PROTECT SAID EXISTING ONSITE PRIVATE

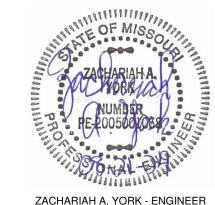
ABBREVIATIONS

NC	ACRES	N	NORTHING
APPROX	APPROXIMATE	N/F	NOW OR FORMERLY
NSB	ABOVEGROUND SPLICE BOX	NTS	NOT TO SCALE
30P	BEGINNING OF PROJECT	OC	ON CENTER
CFS	CUBIC FEET PER SECOND	PC	POINT OF CURVATURE
Cl	CURB INLET	PL	PROPERTY LINE
CJ	CONTROL JOINT	PROP	PROPOSED
CJ CL	CENTERLINE	PSI	POUNDS PER SQUARE INCH
CLR	CLEAR	PT	POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	PVC	POLYVINYL CHLORIDE PIPE
00	CLEANOUT	Q	DISCHARGE
CONC	CONCRETE	Ř	RADIUS
-	EASTING	RCP	REINFORCED CONCRETE PIPE
J	VERTICAL CURVE EXTERNAL DISTANCE	REINF	REINFORCED
- - -J	EXPANSION JOINT	ROW	RIGHT-OF-WAY
ELV	ELEVATION	SAN	SANITARY
OP	END OF PROJECT	STA	STATION
SMT	EASEMENT	T	TOP
X	EXISTING	TBA	TO BE ADJUSTED
ES	FLARED END SECTION	TBR	TO BE REMOVED
 	FLOWLINE	TO	TO OF
}	GAS MAIN	TYP	TYPICAL
HC	HANDICAP	UGE	UNDERGROUND ELECTRIC
-IDPE	HIGH DENSITY POLYETHYLENE	UIP	USE IN PLACE
HGL	HYDRAULIC GRADE LINE	VPC	VERTICAL POINT OF CURVATURE
HP	HIGH POINT	VPI	VERTICAL POINT OF INTERSECTION
 IYD	FIRE HYDRANT	VPT	VERTICAL POINT OF TANGENCY
(RATE OF CURVATURE	W	WATERMAIN
	POUNDS	w/	WITH
.B .F	LINEAL FEET	₩́V	WATER VALVE
 _P	LOW POINT	WWF	WELDED WIRE FABRIC
 ИН	MANHOLE	ø	DIAMETER
/IN	MINIMUM	@	AT
ИJ	MECHANICAL JOINT	±	PLUS OR MINUS

FENCE AND GATE NOTES

- 1. ALL FENCING AND APPURTENANCES METHOD OF CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF ALL LOCAL GOVERNING AGENCIES, STATE OF MISSOURI FMDC, CHAIN LINK FENCE MANUFACTURERS INSTITUTE, ST. LOUIS COUNTY, MODOT, ASTM, AND AASHTO.
- PRIOR TO OBTAINING CONSTRUCTION PERMITS THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE THE JURISDICTIONAL ENTITIES WITH A COPY OF AN EXECUTED CERTIFICATE OF INSURANCE INDICATING THAT THE PERMITEE HAS OBTAINED AND WILL CONTINUE TO CARRY COMMERCIAL GENERAL LIABILITY AND COMPREHENSIVE AUTO LIABILITY INSURANCE.
- 3. ALL FRAMEWORK, NO-CLIMB SECURITY FABRIC, ACCESSORIES, AND GATES SHALL BE INSTALLED IN ACCORDANCE WITH ASTM F567. THE CONTRACTOR SHALL FILL, CUT, OR TRENCH WHERE NECESSARY TO PRODUCE A SMOOTH AND UNIFORM GROUND SURFACE SO THE BOTTOM OF THE NO-CLIMB SECURITY FABRIC AND BOTTOM RAIL IS NOT MORE THAN 1 INCH ABOVE THE FINISHED GROUND LINE.
- 4. ALL CHAIN LINK NO-CLIMB SECURITY FABRIC SHALL BE IN ACCORDANCE WITH ASTM A392, 3/8 INCH DIAMOND MESH INTERWOVEN WIRE, 11 GAGE THICK, TOP SELVAGE BARBED SECURITY TWISTED TIGHT, BOTTOM SELVAGE BARBED SECURITY TWISTED TIGHT.
- 5. ALL FRAMEWORK COMPONENTS SHALL BE HEAVY-INDUSTRIAL-STRENGTH MATERIAL, ASTM F1043, GROUP IA, ROUND STEEL PIPE, SCHEDULE 40, ASTM F1083 REGULAR GRADE (30,000 PSI YIELD). FENCE SHALL HAVE TOP RAIL, INTERMEDIATE RAIL, AND BOTTOM RAIL BETWEEN ALL POSTS, FULL LENGTH OF FENCE, AND ALL SHALL BE SECURED TO ALL POSTS WITH FITTINGS.
- ALL GATE CONSTRUCTION SHALL BE ASTM F900, FACTORY ASSEMBLED WITH WELDED JOINTS. GATE SHALL BE INSTALLED FOR OPERATION BY ONE PERSON. GATE ACCESSORIES, HINGES, LATCHES, KEEPERS, AND NECESSARY HARDWARE OF QUALITY REQUIRED FOR INDUSTRIAL AND COMMERCIAL APPLICATION. LATCHES SHALL PERMIT PADLOCKING.
- 7. ALL SLEEVES, BANDS, TIE WIRES, CLIPS, RAIL ENDS, TENSION BARS, FASTENERS, AND FITTING SHALL BE IN ACCORDANCE WITH ASTM F626.
- 8. ALL FENCING AND GATES SHALL HAVE EXTENSION ARMS TO ACCOMMODATE NO-CLIMB SECURITY FABRIC, SINGLE ARM, SLOPED TO 45 DEGREES AND BE CAPABLE OF SUPPORTING A 250 POUND LOAD AT OUTER MESH EDGE CONNECTING POINT WITHOUT CAUSING PERMANENT DEFLECTION. ALL EXTENSION ARMS SHALL BE SLOPED INWARD ON SECURED COURTYARD SIDE.
- 9. ALL FINISHES SHALL BE IN ACCORDANCE WITH ASTM A123/A123M (FRAMEWORK COMPONENTS), ASTM A153/A153M (HARDWARE COMPONENTS), ASTM A392 (NO-CLIMB SECURITY FABRIC), ZINC COATED STEEL, AND POLYMER COATED IN ACCORDANCE WITH ASTM F1043, FUSED AND ADHERED (FRAMEWORK AND HARDWARE COMPONENTS), ASTM F668, EXTRUDED AND ADHERED (NO-CLIMB SECURITY FABRIC), OVER ZINC COASTED STEEL, COLOR BLACK PER ASTM F934.
- 10. ALL INTERMEDIATE, LINE, CORNER, TERMINAL, AND GATE POST FOOTING DEPTH BELOW FINISHED GRADE, 8 FEET DEEP, CONCRETE 24 INCH DIAMETER. ALL POSTS SHALL HAVE A MAXIMUM SPACING OF 8 FEET.
- 11. CAST-IN-PLACE CONCRETE SHALL CONFORM TO MODOT SECTION 501 CLASS A CONCRETE. CLASS A CONCRETE SHALL CONSIST OF THE FOLLOWING REQUIREMENTS: CEMENT -6-1/2 SACK (600 POUNDS) MINIMUM PER CUBIC YARD, W/C RATIO - 0.40 MAXIMUM (INCLUDING WATER IN AGGREGATES), STRENGTH - 4,500 PSI IN 28 DAYS AND 3,050 PSI IN 7 DAYS, SLUMP - 3 TO 5 INCHES, AND AIR ENTRAINMENT - 4% TO 6%.
- 12. UTILITY LOCATIONS AND ELEVATIONS ARE APPROXIMATE. IT IS THE CONTRACTOR RESPONSIBILITY TO FIELD VERIFY ALL PUBLIC AND PRIVATE UTILITIES. EXISTING ABOVE AND BELOW GROUND UTILITIES TO BE PROTECTED AND USED IN PLACE, UNLESS OTHERWISE SPECIFIED. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF CONSTRUCTION AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR ALL OSHA SAFETY COMPLIANCES DURING CONSTRUCTION.
- 14. CONTRACTOR WILL COORDINATE ANY INTERRUPTION WITH DAILY OPERATIONS WITH THE FACILITY. THE OWNER AND FACILITY WANTS TO ENSURE THERE WILL BE MINIMAL DISRUPTION OR INTERFERENCE WITH THE DAILY OPERATIONS OF THE FACILITY DURING CONSTRUCTION.

STATE OF MISSOURI MICHAEL L. PARSON. **GOVERNOR**



MO# PE-2005001068

LICENSE EXPIRES

PROFESSIONAL SEAL



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PROFESSIONAL DESIGN NUMBER: 000372 3675 W. Outer Road, Suite 205 Arnold, MO 63010 636.333.3351 t www.hurst-rosche.com

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OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT. **DESIGN AND CONSTRUCTION DEPARTMENT OF**

REPLACE INNER PERIMETER FENCE. ADMINISTRATION BUILDING HAWTHORN CHILDREN'S PSYCHIATRIC HOSPITAL 1901 PENNSYLVANIA AVENUE ST. LOUIS, MISSOURI 63133

PROJECT # M2415-01 7390 6517390002 ASSET#

MENTAL HEALTH

REVISION: DATE **REVISION:** DATE **REVISION:** DATE: ISSUE DATE: 08/21/2024

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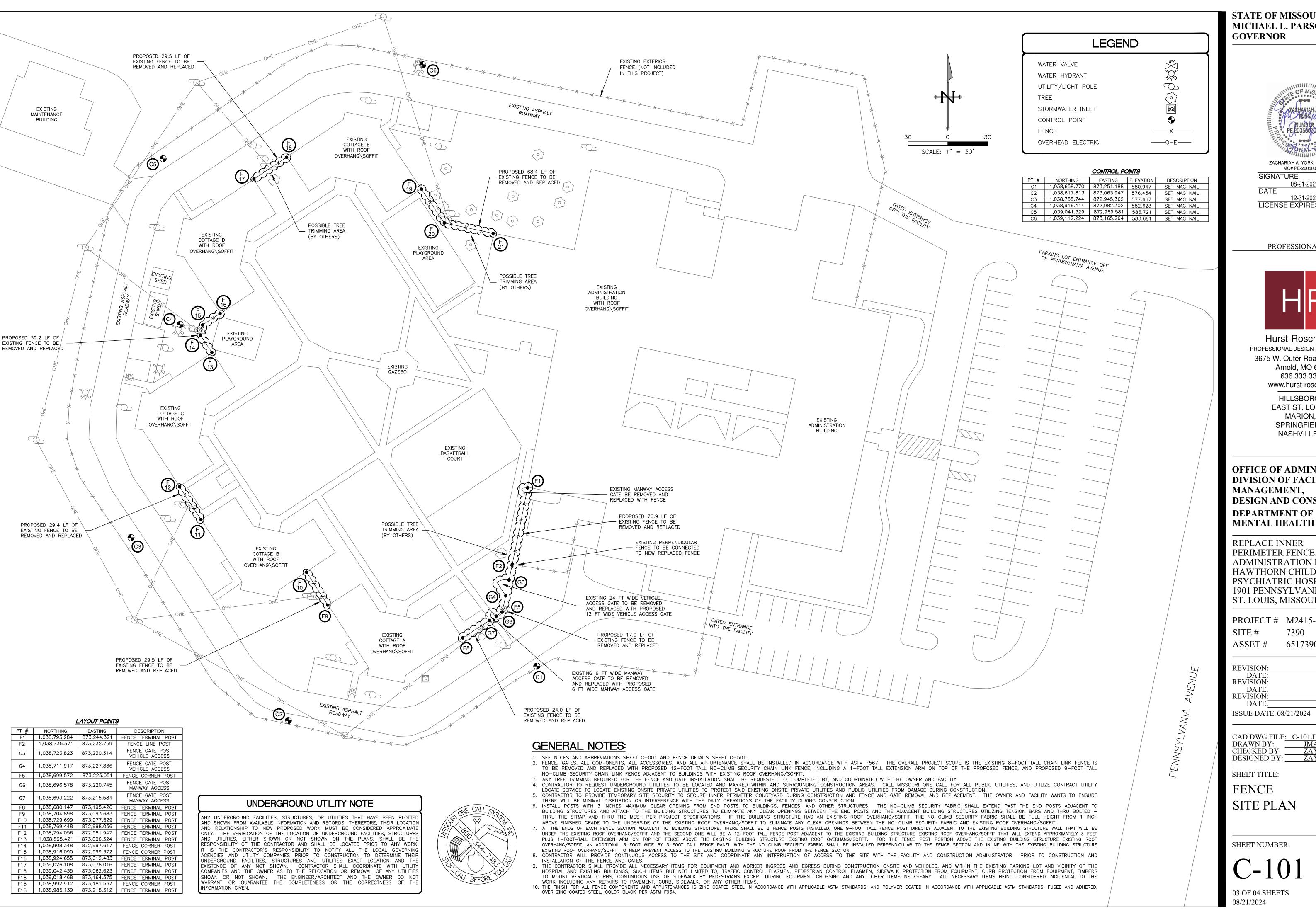
NOTES AND **ABBREVIATIONS**

SHEET NUMBER:

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UNDERGROUND UTILITY NOTE

ANY UNDERGROUND FACILITIES, STRUCTURES, OR UTILITIES THAT HAVE BEEN PLOTTED AND SHOWN FROM AVAILABLE INFORMATION AND RECORDS. THEREFORE, THEIR LOCATION AND RELATIONSHIP TO NEW PROPOSED WORK MUST BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE LOCATED PRIOR TO ANY WORK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL THE LOCAL GOVERNING AGENCIES AND UTILITY COMPANIES PRIOR TO CONSTRUCTION TO DETERMINE THEIR UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES EXACT LOCATION AND THE EXISTENCE OF ANY NOT SHOWN. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES AND THE OWNER AS TO THE RELOCATION OR REMOVAL OF ANY UTILITIES SHOWN OR NOT SHOWN. THE ENGINEER/ ARCHITECT AND THE OWNER DO NOT WARRANT OR GUARANTEE THE COMPLETENESS OR THE CORRECTNESS OF THE INFORMATION GIVEN.



STATE OF MISSOURI MICHAEL L. PARSON, **GOVERNOR**



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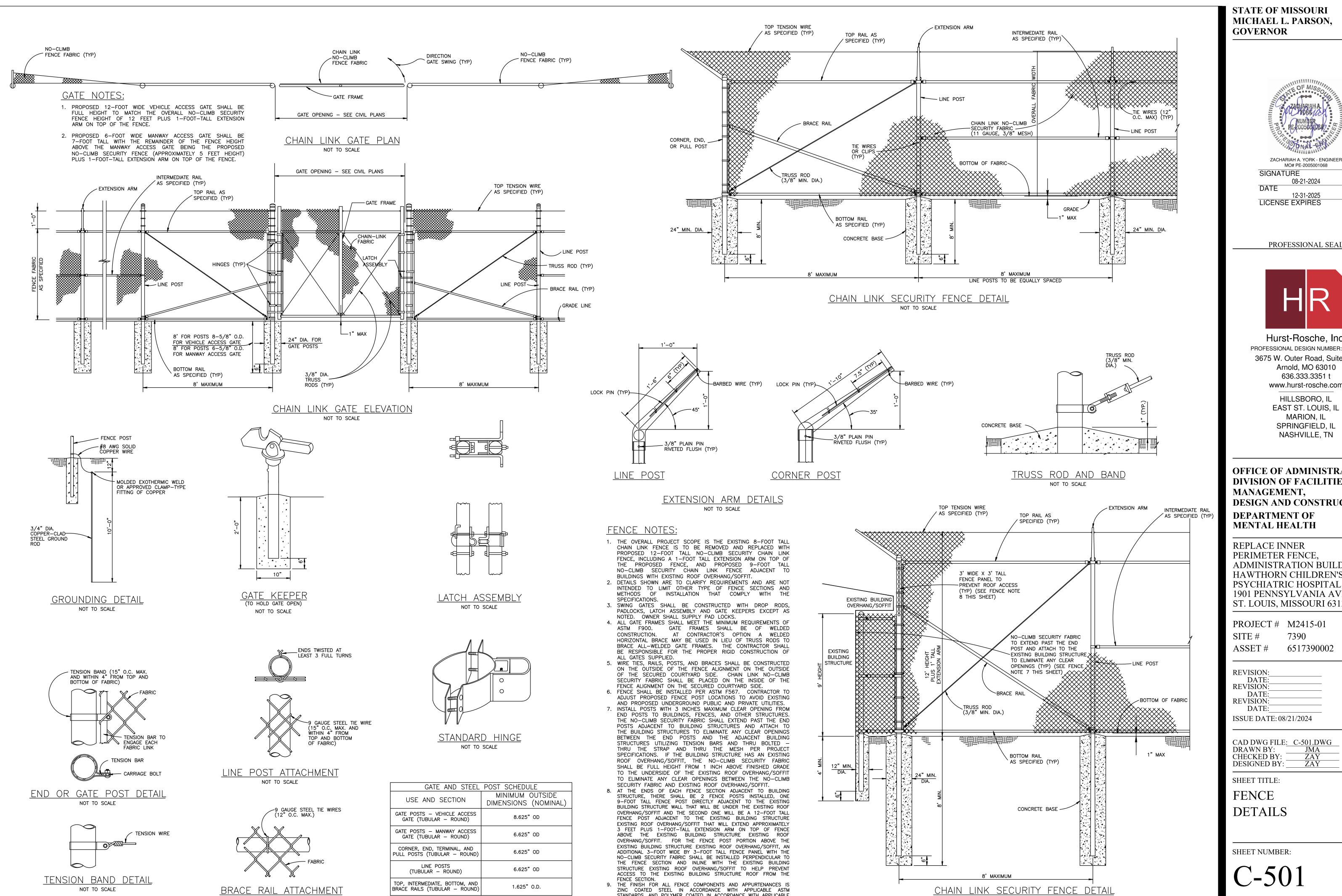
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FENCE SITE PLAN

SHEET NUMBER

08/21/2024

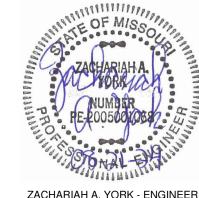


STANDARDS, AND POLYMER COATED IN ACCORDANCE WITH APPLICABLE

ASTM STANDARDS, FUSED AND ADHERED, OVER ZINC COATED STEEL,

COLOR BLACK PER ASTM F934.

STATE OF MISSOURI MICHAEL L. PARSON,



ZACHARIAH A. YORK - ENGINEER MO# PE-2005001068



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OFFICE OF ADMINISTRATION DIVISION OF FACILITIES DESIGN AND CONSTRUCTION

PERIMETER FENCE, ADMINISTRATION BUILDING HAWTHORN CHILDREN'S PSYCHIATRIC HOSPITAL 1901 PENNSYLVANIA AVENUE ST. LOUIS, MISSOURI 63133

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ADJACENT TO BUILDING STRUCTURE

NOT TO SCALE