#### CIVIL GENERAL NOTES:

2. THE LOCATIONS OF ALL PARIAL AND UNDERGROUND UTILITY FACULTIES ARE APPROXIMATED TO THE APPROXIMATED THE APPROXIMATED THE APPROXIMATED AND FLAGOR BY THE UTILITIES AT THE REQUEST OF THE CONTRACTOR. NO EXCLUSION OF A PROXIMATION OF A PLANTAL SUCH UNDERGROUND UTILITY FACULTIES HAVE BEEN LOOSED AND DEATH OF A PLANTAL SUCH UNDERGROUND UTILITY FACULTIES HAVE BEEN LOOSED AND DEATH OF A PLANTAL SUCH UNDERGROUND UTILITY FACULTIES HAVE BEEN LOOSED AND DEATH OF A PLANTAL STREAM OF A PLANTAL SUCH BY A PL

THE CONTRACTOR SHALL CALL FOR THE EXISTING UTILITY LOCATION STAKES (NEBRASKA 811) 48
HOURS PRIOR TO DIGGING, CALL ALL APPLICABLE UTILITY COMPANIES INCLUDING, BUT NOT LIMITED TO,
THE FOLLOWING:

CITY OF OMAHA UTILITY COMPANIES INDEX:

BURIED CABLE LOCATIONS	
CALL 48 HOURS BEFORE YOU DIG	
CENTURY LINK TELEPHONE COMPANY	
OMAHA PUBLIC POWER DISTRICT	
METROPOLITAN UTILITIES DISTRICT - GAS & WATER	
CITY OF OMAHA - PUBLIC WORKS	
MCI TELECOMMUNICATIONS	
CABLE TELEVISION(VERIFY WITH LOCAL GOVERNING	AGENCIES)

4. THE CONTRACTOR SHALL ADJUST TO GRADE ALL WATER AND GAS VALVE BOXES A THAT FALL WITHIN THE LIMITS OF THIS CONTRACT (NO PAY ITEM). THE CONTRACTOR SH SAID WATER, GAS, AND EXISTING ESWERS AND THEIR APPURTENANCES FREE OF DEBRIS AT ALL TIMES DURING CONSTRUCTION.

5. ELEVATIONS SHOWN HEREON ARE NAVDBB DATUM.

BENCHMARK: FINISHED FLOOR (SW ENTRANCE) OF #600 N 93RD STREET. ELEVATION: 1200.58' (TILE).

ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE HAULED OFF-SITE AND PROPERLY DISPOSED OF.

8. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES, WARNING SIGNS, LIGHTS, AND FLAGMAN AS PER THE "BARRICADING STANDARDS, SPECIFICATIONS, METHODS AND MATERIALS, MANUAL OF THE CITY OF OMAIN" AND AS DIRECTED BY THE ENGINEER, COST SHALL BE CONSIDERED MODERATIAL TO THE PROJECT.

PROTECT, BY WHATEVER MEANS REQUIRED, ALL MAILBOXES, FENCES, SIGNS, STRUCT SIDEWALKS, STREETS, POLES, BUSHES, TREES, ETC, WHICH ARE NOT DESIGNATED FOR REV OUTSIDE THE CONSTRUCTION AUTHINES THE CONTRACTOR SHALL KEEP ALL VENICLES, EQUIPMENT MATERIALS, AND CONSTRUCTION ACTIVITIES OUTSIDE THE LIMITS OF THE CANOPIES OF AI

11. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS, NO WATER SHALL BE ALLOWED, MAINTAIN ALL EXISTING DRAINAGE PATTERNS.

12. THE CONTRACTOR MUST ADHERE TO GOOD HOUSEKEEPING BEST MANAGEMENT PRACTIMES, FOCUS ON KEEPING THE WORK SITE CLEAN AND ORDERLY WHILE HANDLING MATER IN A MANNER THAT ELIMINATES THE POTENTIAL FOR POLLUTANT RUNDLES

13. CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL PERMIT AND OTHER ASSOCIATED FEES REQUIRED TO COMPLETE THE PROJECT. COST SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

14. PAYING DIMENSIONS ARE AS SHOWN ON THE PLANS. ALL DIMENSIONS ARE BACK-OF-CURB TO BACK-OF-CURB.

16. THE CONTRACTOR SHALL CONSTRUCT ALL PAYEMENTS TO CONFORM WITH THE CORRECT CROSS SECTIONS, LINES, AND FINISH GRADES AS INDICATED ON THE PLANS. NO PONDING OF WATER SHALL BE ALLONGO.

16. ALL CONCRETE FOR PAYEMENT AND INTEGRAL CURB AND GUTTERS SHALL BE IN ACCORDANCE WITHER CITY OF GMAHA STRANGARD SPECIFICATIONS FOR PUBLIC WORSTS CONSTRUCTION, 2024 EDITION, COURING COMPOUND SHALL BE AS PET THE REFERENCES SPECIFICATIONS, APPLIED IT TISTING AND ONLY SCALING SHALL BE AS OF CONTRACT OF THE REPRESENCES SPECIFICATIONS AND DETAILS OF THESE PLANS. SEC. EXPRIENT INTO TO FOR FURTHER INSTRUCTION.

17. CONCRETE PAVEMENT SHALL BE CURED AS PER REFERENCED SPECIFICATIONS. T APPLICATION SHALL BE 1 GAL/200 SF IF A MECHANICAL-POWERED SPRAYER IS USED AND 1 GAL/100 SF IF A HAND-POWERED SPRAYER IS USED.

18. CURR BACKFILLING SHALL BE COMPLETED WITHIN 4 TO 7 WORKING DAYS AFTER CURR PLACEMENT

19. WATER-REDUCING ADMIXTURE SHALL BE ADDED TO ALL HAND-PLACED AND FINISHED CONCRETE.

20. A DAMOND EDGE SAW BLADE SHALL BE USED FOR CUTTING ALL REQUIRED CONTRACTION AND LOWGITIONAL PARKENTI, JOHNS AND CONCERT REMOVAL NOW TO MANDOU EDGE SAW BLADES MILL BE PROPRE TO EACH SUBSEQUENT USE FOR WEAR AND REPLACED WHEN NECESSAWY TO ANDO REVIEWD AND ASSORPION AT AND AROUND JOHNS ALL REMOVALS SHALL BE FULL DEPTH SAW CUTT. NO EARLY BEING AND CONCERT.

21. CONTRACTOR SHALL APPLY PROTECTION OF TITO'S PROJECT.

22. CONTRACTOR SHALL APPLY PROTECTION CONCRETE SALER TO COMPLETELY SATURATE BOTH MODIC VERTICAL FACES OF ALL SANCUST PAVAMENT JOINTS PERETRATION CONCRETE SALER SHALL BY THE CONCRETE SHALL BE ADMINISTRATION OF THE APPLICATION OF THE APPLICAT

23 EMPHAT GREEN & ASSOLUTES SHALL BROWNE CONTROL MAYOR PORTION MAY STRANGE FOR THE PROJECT THE COST OF TS-RANGE REPRESS MILL BE REPORTED ON A CONTRACTOR BIO PREPARATIONS. THE STANGE WILL BE REVOYED ON A CONTRACT BY THE CONTRACTOR POPIDITET THE STANGE FROM IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR POPIDITET THE STANGE FROM A CONTRACT BY THE CONTRACTOR STANGE FROM THE CONTRACTOR STANGE FROM THE CONTRACT STANGE SCHOOL STANGE STAN

# SAINT TIMOTHY'S LUTHERAN CHURCH

# PARKING LOT REHABILITATION

510 NORTH 93RD STREET OMAHA, NEBRASKA



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STORM PLAN AND PROFILES

MISCELLANEOUS DETAILS

OVERALL STORM PLAN

STORM DETAILS OVERALL PHASING PLAN

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LANDSCAPING PLANS

L000 LANDSCAPE NOTES HARDSCAPE PLAN L200 SITE DETAILS L300 LANDSCAPE PLAN L400 LANDSCAPE DETAILS

VICINITY MAP E.G.A. PROJECT NO. 221022C

LEGAL DESCRIPTION

LOT ONE (1), ST. TMOTHY'S ADDITION, AN ADDITION TO THE CITY OF OMAHA, IN DOUGLAS COUNTY, NEBRASKA

ELEVATIONS SHOWN HEREON ARE NAVDBB DATUM DETERMINED BY RTK GPS OBSERVATION USING NGS GEOID 12A T.R.M.: FINISHED FLOOR (SW ENTRANCE) OF #600 N 93 STREET

PROJECT TEAMS

OWNER ST. TIMOTHY'S LUTHERAN CHURCH 510 NORTH 93RD STREET OMAHA, NE 68114 OWNER'S REP DANA MESSERSCHMIDT 402-619-0460 mehangar109@gmail.com

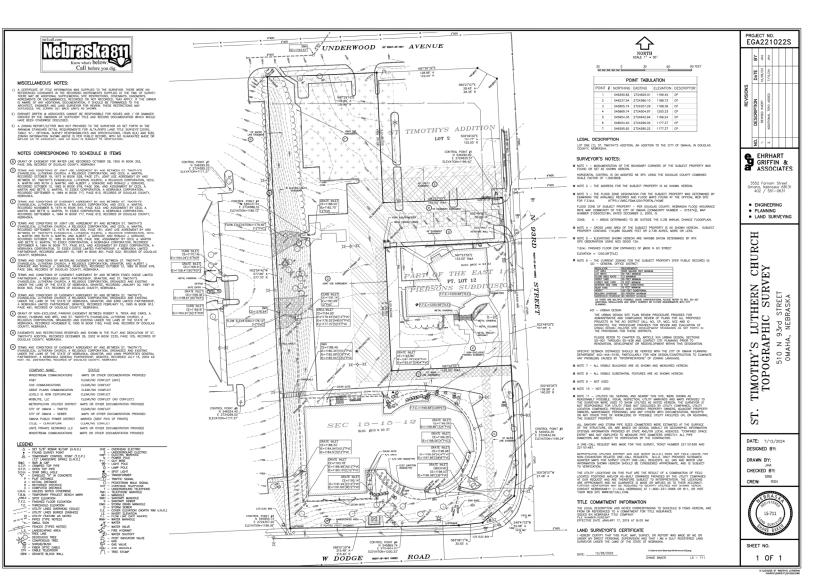
CIVIL ENGINEER EHRHART GRIFFIN & ASSOCIATES 3552 FARNAM STREET OMAHA, NE 68131 LANDSCAPE ARCHITECT LANUSCAN L AND STREET OMAHA, NE 68102
ELECTRICAL ENGINEER ALVINE ENGINEERING 1201 CASS STREET OMAHA, NE 68102

COORDINATING PROFESSIONAL



PAGES OR SHEETS COVERED BY THIS SEAL: SHEETS C1.0, C1.1, C1.2, C2.1, C2.2, C3.1, C3.2 C4.1-C4.2, C5.1-C5.3, C6.1, C7.1-C7.5, C8.1 WY RENEWAL DATE IS DECEMBER 31, 2025

EHRHART • ENGINEERING • PLANNING • CONSTRUCTION ASSOCIATES . MANAGEMENT 3552 FARNAM STREET OMAHA, NEBRASKA 68131



PROJECT NO. EGA221022C

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EHRHART GRIFFIN & ASSOCIATION ASSOCIATES

PLANNING

SURVEY N CHURCH

LUTHERAN 93RD STREET A, NEBRASKA

TE TOPOGRAPHIC
TIMOTHY'S LUTHERAN
510 N. 93RD SIREE
OMAHA, NEBRASKA

SITE ST. III

DATE: 07-12-2024

DRAWN BY: JRB

CHECKED BY: DJD

LAND SURVEYING

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631 ENGINEERING

SHEET NO.

CO.1

3.02

PROJECT NO. EGA221022C

Š. EHRHART GRIFFIN & ASSOCIATE EHRHART ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

- ENGINEERING
- PLANNING
- LAND SURVEYING

CHURCH

TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA

PLAN

REMOVAL

SITE

CONTRACTOR SHALL MAKE ALL REMOVALS AS NECESSARY TO COMPLETE THE WORK. REMOVALS SHOWN ARE FOR THE CONTRACTORS CONVENIENCE ONLY.

SCALE 1" =20

- PROTECT, BY WHATEVER MEANS REQUIRED, ALL MALBOXES, FENCES, SIGNS, STRUCTURES, DRIVES, SIDEMALKS, STREETS, POLES, BUSNES, THEES, ETC. WHICH ARE NOT DESIGNATED FOR REMOVAL OR ARE OUTSIDE THE CONSTRUCTION LIMITS. THE AND CONSTRUCTION ACTIVITIES OF ALL TREAS, REQUIREMENT, MATERIALS, CANOPIES OF ALL TREES.
- CANORES OF ALL TREES.

  A THE LOCATIONS OF ALL ARRIAL AND UNDERGROUND UTILITY FACULTIES ARE APPROXIMATE OF MAY THE REDICATED IN THESE PLANS, UNDERGROUND PLANTIES, WHETHER INDICATED OR NOT, THE ANALYSIS OF THE CONTRACTOR, NO EXCAVATION WILL BE PERMITTED IN THE AREA UTIL, ALL SUCH UNDERGROUND UTILITY EXPANSIVE AND THEN ONLY WITH EXTREME CAME TO AVOID ANY POSSBURLY OF DAMAGE TO THE UTILITY OF THE ANALYSIS OF THE AN

DATE: 07-12-2024

ST.

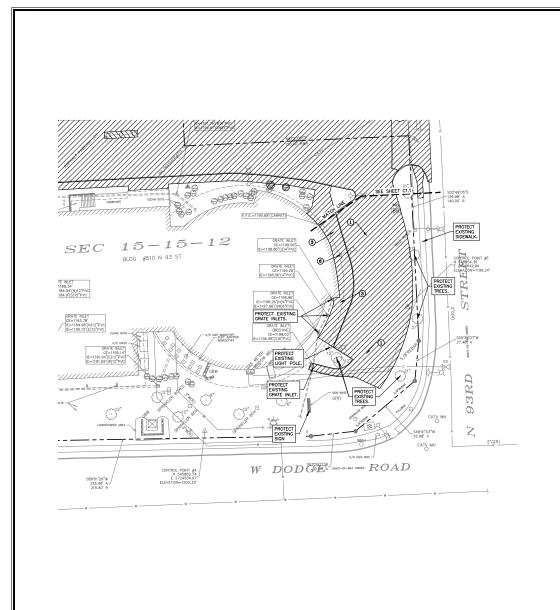
DESIGNED BY: DJD DRAWN BY: JRB

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SHEET NO.

C1.1







# REMOVAL LEGEND

- REMOVAL ITEMS

REMOVE ASPHALT PAVEMENT AND CURB AND GUTTER

REMOVE CONCRETE PAVEMENT AND CURB AND GUTTER
 REMOVE SIDEWALK FULL PANEL (TYPICAL)

4 - REMOVE STONE RIP RAP

6 - REMOVE TREE

 REMOVE LIGHT POLES AND BASES IN THEIR ENTIRETY REMOVE BOLLARDS
 REMOVE STORM PIPE
 REMOVE INLET
 REMOVE WOOD PRIVACY FENCE

(1) - REMOVE RETAINING WALL

SURVEY LEGEND  - SET ON THE WEAVER (UMA) - TO THOSE SAMPLE FORM - TO THE SAMPLE FORM - THE STATE - THE	### PRES (TYPE NOTID)  ### PRES (TYPE NOTID)  #### PRESS (TYPE NOTID)  ##### PRESS (TYPE NOTID)  ###################################	Gri - OASSIGAD TILLIPIONE  GRI - OASSIGAD TILLIPIONE  TO - ILLIPIONE MANISCI.  TO - FREE CONTROL  TO - TO - FREE CONTROL  TO - TO - FREE CONTROL  TO - TO
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PLANNING
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CHURCH SITE REMOVAL PLAN TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA ST.

DATE: 07-12-2024 DESIGNED BY: DJD DRAWN BY: JRB

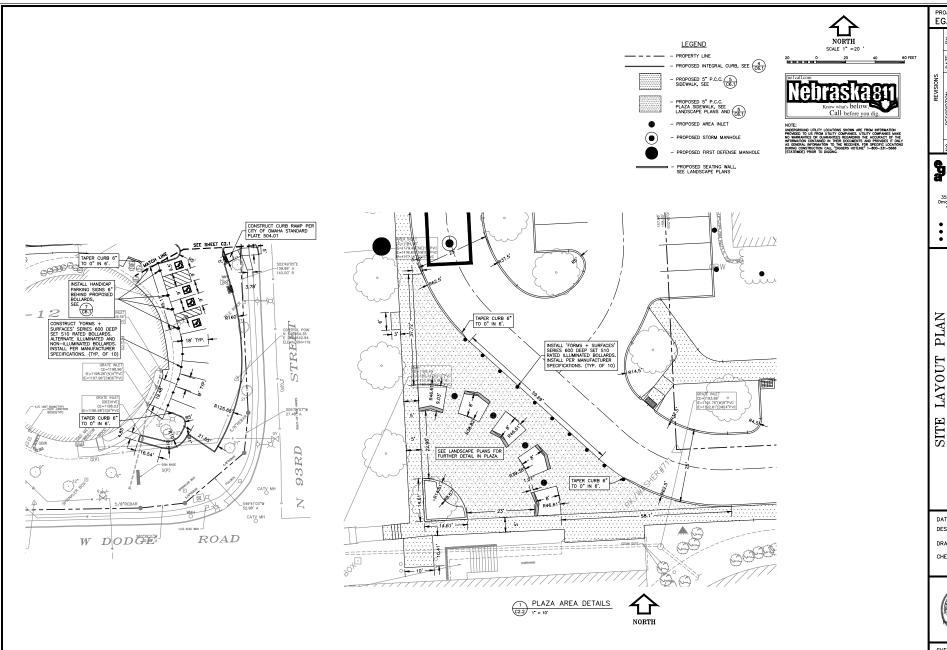




SHEET NO.

C1.2

PROJECT NO.



PROJECT NO. EGA221022C REVISIONS DESCRIPTION

EHRHART GRIFFIN & ASSOCIATES

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• ENGINEERING

PLANNING
 LAND SURVEYING

CHURCH TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA

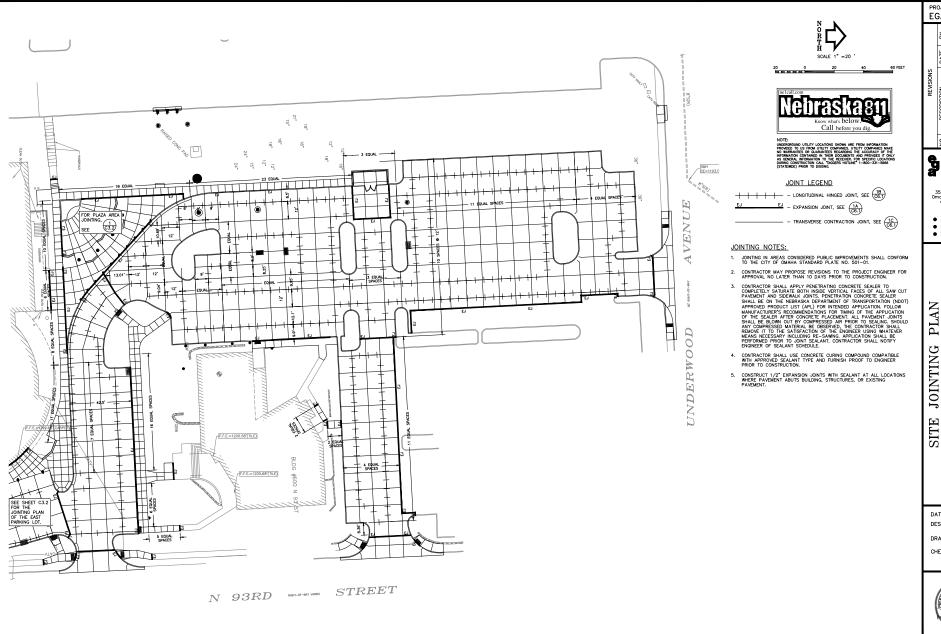
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DRAWN BY: JRB CHECKED BY: DJD



SHEET NO. C2.2



PROJECT NO. EGA221022C

REVISIONS DESCRIPTION Š.

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• ENGINEERING PLANNING

LAND SURVEYING

CHURCH PLAN

TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA ST.

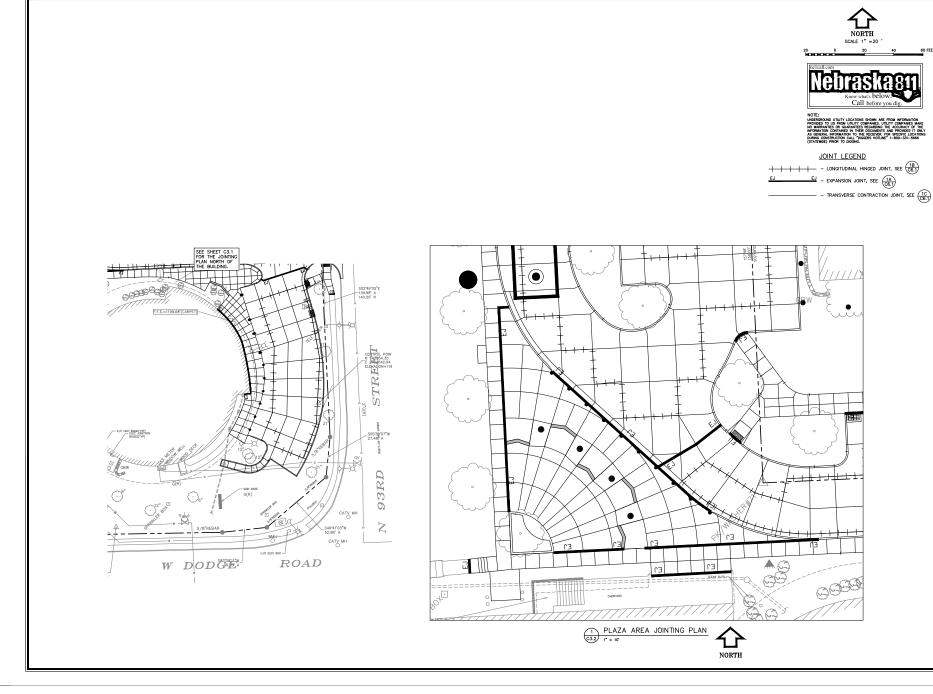
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C3.1

SHEET NO.



PROJECT NO. EGA221022C

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PLANNING
 LAND SURVEYING

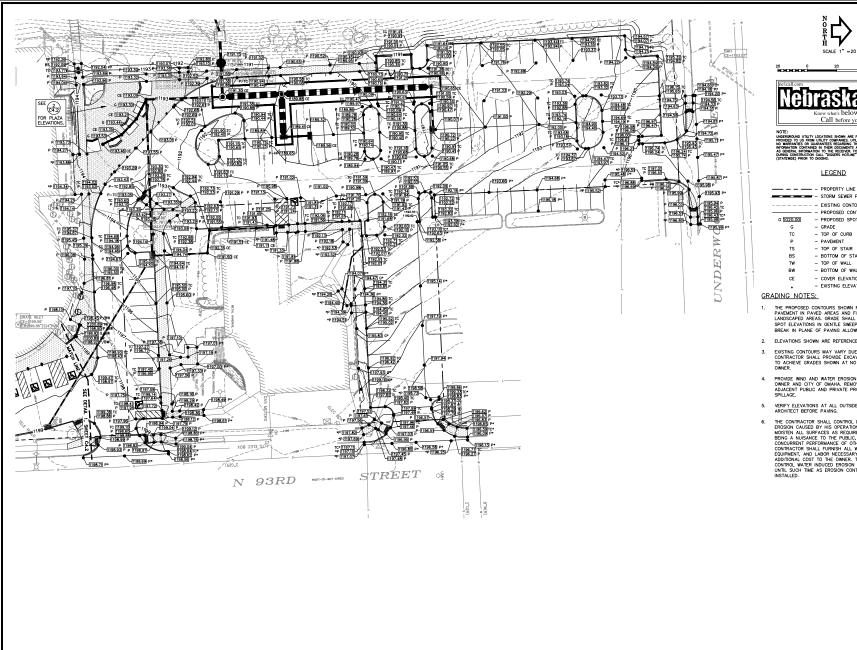
TIMOTHY'S LUTHERAN CHURCH 510 N. 93RD STRET OMAHA, NEBRASKA SITE JOINTING PLAN ST.

DATE: 07-12-2024 DESIGNED BY: DJD

DRAWN BY: JRB CHECKED BY: DJD



SHEET NO. C3.2







- STORM SEWER PIPE - - EXISTING CONTOUR - PROPOSED CONTOUR G [020.00] - PROPOSED SPOT ELEVATION - GRADE - TOP OF CURB - PAVEMENT - TOP OF STAIR - BOTTOM OF STAIR - TOP OF WALL - BOTTOM OF WALL CE - COVER ELEVATION - EXISTING ELEVATION (FIELD VERIFY)

#### GRADING NOTES:

- THE PROPOSED CONTOURS SHOWN REPRESENT TOP OF PAVEMENT IN PAVED AREAS AND FINISHED GRADE IN LANDSCAPED AREAS. GRADE SHALL GRADUALLY TAPER OVER SPOT ELEVATIONS IN GENTLE SWEEPING CURVES. (NO SHARP BREAK IN PLANE OF PAVING ALLOWED.)
- 2. ELEVATIONS SHOWN ARE REFERENCED TO NAVD88 DATUM.
- EXISTING CONTOURS MAY VARY DUE TO GRADING BY OTHERS. CONTRACTOR SHALL PROVIDE EXCAVATING AND SUFFICIENT FILL TO ACHIEVE GRADES SHOWN AT NO ADDITIONAL COST TO OWNER.
- VERIFY ELEVATIONS AT ALL OUTSIDE DOOR LOCATIONS WITH ARCHITECT BEFORE PAVING.
- THE CONTRACTOR SHALL CONTROL DUST AND WATER INDUCED EROSION CAUSED BY HIS OPERATIONS. THE CONTRACTOR SHALL MOSTER ALL SURFACES AS REQUIRED TO PREVIOUS DUST FROM CONTRACTOR SHALL FOR THE CONCURRENT EFEFORMANCE OF OTHER WORK ON THE SITE. THE CONTRACTOR SHALL FURNISH LLA WATER, FEES, PREMITS, EQUIPMENT, AND LABOR NECESSARY TO CONTROL DUST AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL CONTROL WATER HOUSED EROSION RELATED TO HIS OPERATIONS UNTIL SUCH THE ASE ROSION CONTROL MASSIES HAZE BEEN

PROJECT NO. EGA221022C

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EHRHART EHRHART GRIFFIN & ASSOCIATE ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

- ENGINEERING
- PLANNING LAND SURVEYING

CHURCH PLAN TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA GRADING

DATE: 07-12-2024 DESIGNED BY: DJD

ST.

SITE

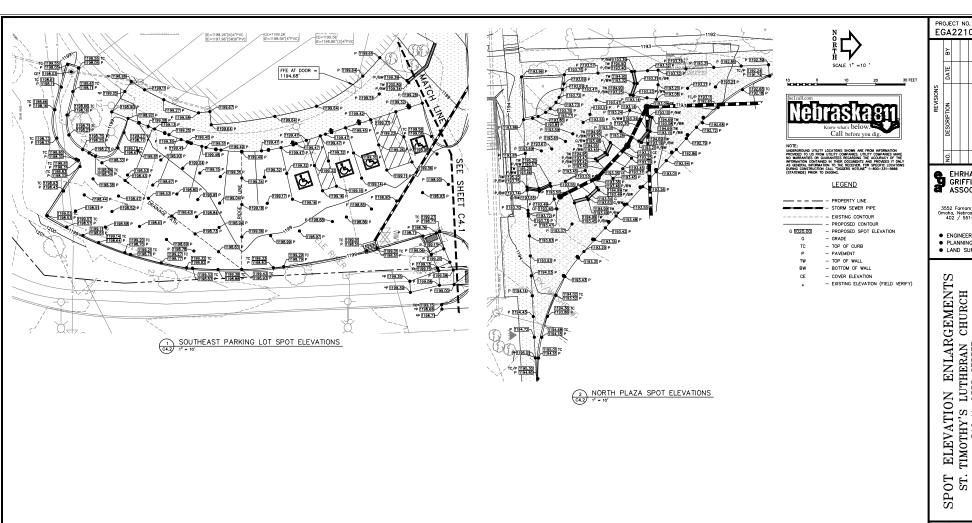
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SHEET NO.

C4.1



EGA221022C

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• ENGINEERING PLANNING

LAND SURVEYING

ELEVATION ENLARGEMENT TIMOTHY'S LUTHERAN CHURCH 510 N. 93RD STREET OMAHA, NEBRASKA

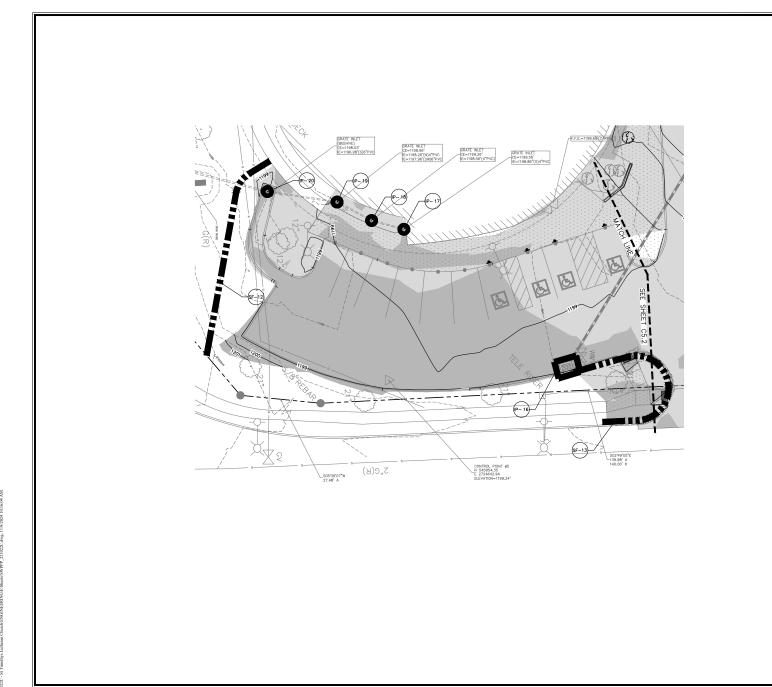
DATE: 07-12-2024 DESIGNED BY: DJD

DRAWN BY: JRB CHECKED BY: DJD



SHEET NO.

C4.2







- PROPERTY LINE

PROPOSED SINGLE SILT FENCE, AS PER CITY OF OMAHA STANDARD PLATE NO. 101-02

PROPOSED WATTLE, AS PER CITY OF OMAHA STANDARD PLATE NO. 101-05

PROPOSED CONTOUR - EXISTING CONTOUR

- STABILIZED CONSTRUCTION ENTRANCE, AS PER CITY OF OMAHA STANDARD PLATE NO. 101-04

SF-\_ - SILT FENCE

- STABILIZED CONSTRUCTION ENTRANCE

INSTALL INLET PROTECTION AS PER CITY OF OMAHA STANDARD PLATE NO. 101-03 ON EXISTING AND PROPOSED CURB INLETS

- STRAW WATTLE

- CONCRETE WASHOUT AS PER CITY OF OMAHA STANDARD PLATE NO. 101-06

- FILL

PROJECT NO. EGA221022C

REVISIONS DESCRIPTION Š.

EHRHART GRIFFIN & ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

ENGINEERING

PLANNING
 LAND SURVEYING

- CUT

STORMWATER POLLUTION
PREVENTION PLAN
ST. TIMOTHY'S LUTHERAN CHURCH
510 N. 93RD STREET
OMAHA, NEBRASKA

DATE: 07-12-2024 DESIGNED BY: DJD

DRAWN BY: JRB

CHECKED BY: DJD



SHEET NO.

C5.2

THE FOLLOWING MAINTDANCE SCHEDULE HAS BEEN PROVIDED. THE INSPICTOR MUST PERFORM THE INSPICTIONS. THE OPERATION CONTRACTOR MUST PERFORM ALL NEEDED MAINTDANCE, FURTHERMORE, ALL REGIONS CONTROL, FEATURES REQUIRING MAINTENANCE MAY NOT BE USITIO BELOW. THE OPERATIOR/CONTRACTOR AND INSPICTOR MUST PERFORM THEIR RESPECTIVE DUTIES ON ALL MISMS THAT ARE NOT USITED BELOW AS WELL.

- CONSTRUCTION ENTRANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF SEDIMENT ONTO PUBLIC RICHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE REWORKING OF ENSTING STONE AS CONDITIONS SEMAND, AND REPARE AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEMANT, ALL MATERIALS SPILLDD ROPPED, MANDLO, OR TRACKED FROM WEIGLES ONTO TORADWAYS OR INTO STORM DRAINS WUST BE REMOVED IMMEDIATELY. THE USE OF MATER TRUCKS TO REWOY MATERIALS DROPPED, MANSHED, OR TRACKED DON'T ORADWAYS WILL NOT BE FERMITTED UNDER ANY CIRCUMSTANCES.
- SILT FENCE THE MAINTENANCE MEASURES ARE AS FOLLOWS: (2.1) SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL, ANY REQUIRED REPAIRS SHALL BE MADE AFTER EACH RAMPFALL MAD AT LEAST DAILY DURING PROCINCED RAMPFALL, MAY REQUIRED REPARTS SHALL BE MADE MINEDIATELY, 2(2) CODE ATTENDED SHALL BE PARD TO THE REPART OF DAMAGED BLIT FERKE RESULTION FROM END ROW OF THE PROPERTY OF THE REPART OF T
- STORM DRAIN INLET PROTECTION THE MAINTENANCE MEASURES ARE AS FOLLOWS: (3.1) STRUCTURES SHALL BE INSPECTED WITH EACH ROUTINE AND RAIN INSPECTION AND REPAIRS WADE AS NECESSARY AND (3.2) STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERTY STABILIZED.
- TIMEORATY DISERSON DUE. THE MEASURE SHALL BE INSPECTED AFTER EXEMY STORM AND REPAIRS MADE TO THE REPURS THE DUE TO THE THE REPURS OF THE REPUR
- TEMPORARY FILL DIVERSION SINCE THE PRACTICE IS TEMPORARY AND UNDER MOST STUATIONS WILL BE COVERED THE NEXT WORKING DAY, THE MAINTENANCE REQUIRED SHOULD BE LOW. IF THE PRACTICE IS TO REDAMN IN USE FOR MORE THAN ONE DAY, AN INSPECTION SHALL BE MADE AT THE EDU OF EARL MOSK DAY AND REPRAS MADE TO THE MEASURE IF NEEDED. THE OPERATOR/CONTRACTOR SHOULD AVIDD THE PRACEMENT OF ANY MATERIAL OWER THE STRUCTURE WHILE IT IS IN USE. CONSTRUCTION THAT SHOULD NOT BE PREMITTED TO KNOSS THE DIVERSION.
- TEMPORARY SEDMENT TRAP THE MANTENANCE MEASURES ARE AS FOLIONS. (6.1) SEDMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORGANIAL DIMENSIONS WHEN THE SEDMENT MAS ACCUMULATED TO ONE MALE THE REMOVED AND THE TRAP RESTORED TO ITS ORGANIAL DIMENSIONS WHEN THE SEDMENT MAS ACCUMULATED TO ONE MALE THE TRAP OR A THE TRAP OR THE TRAP
- TEMPORARY SEDMENT BASIN. THE BISSN LUBANMENT FORCUL BY GREEGE REQUIRENT TO EDIFFE THAT IT IS SHARE AND ADDRESS OF THE STATE OF RECEIVED FOR COMMENT OF THE STATE OF THE STATE
- TEMPORARY SEEDING AREAS WHICH FAIL TO ESTABLISH VEGETATIVE COVER ADEQUATE TO PREVENT RILL EROSION WILL BE RE-SEEDED AS SOON AS SUCH AREAS ARE IDENTIFIED. CONTROL WEEDS BY MOWING.
- PERMANENT SECRED THE MAINTAINCE MEASURES ARE AS FOLOROGY, (3)) IN GENERAL, A STAND OF VEGETATION CAMONT BE DETERMINED TO BE PULLY ESTABLISHED UNTIL, IT HAS BEEN MAINTAINED FOR ONE FULL YEAR AFTER THE PROPERTY OF THE PROP
- 10. MULCHING ALL MULCHES AND SOIL COVERINGS SHOULD BE INSPECTED PERIODICALLY (PARTICULARLY AFTER MICLISHOP - ALL MICLISHS AND SIGL COVERNINGS SHOULD BE INSPECILED PERIODICALLY (PARTICULARLY AT IER ARRISTORIST) TO CHECK FOR PERSON, HAVER ERSONS HOS GESERVED IN MICLISHED AREAS, REPART THE ERRORM AND ADDITIONAL MICLISH SHOLE APPLIED. COMINION TO MONTHER THESE AREAS UNTIL WHICH THE HEY BECOME PERMANENTLY STABILIZED. WHERE MICLISH IS USED IN CONJUNCTION WITH COMMERTIAL PLANTINGS, INSPECT PERMODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MILCIH IS MANYARMING COVERAGE OF THE SOIL SURFACE; REPART AS TABLEZIO.
- 11. SOIL STABILIZATION BLANKETS & MATTING ALL SOIL STABILIZATION BLANKETS AND MATTING SHOULD BE INSPECTED PERGOICALLY FOLLOWING INSTALLATION, PARTICULARLY AFTER RAMISTERIAS TO SHOCKE FOR ERGISION AND UNDERMANNE, ANY DISCOSION OF FAILURE SHOULD BE REPARRED MANDATELY. IF WASHOUTS OR BESTANGE COURSE, REINSTALL THE MATERIAL AFTER REPARRIO DAMAGE TO THE SLOPE OR DITCH. CONTINUE TO MONTER THESE RASIAS UNIT. WHICH TIME THE'S BECOME PERMANENTLY STABLED, AT THAT THE AN ANABULA INSPECTION SHOULD BE ADEQUATE.
- 12. STREET CLEANING/SWEEPING THE MANTENANCE MEASURES ARE AS FOLKOWS (2.2) EVALUATE ACCESS POINTS DALY FOR SEDMENT TRACKING (12.2) WHEN TRACKED OR SPILED SEDMENT IS FOUND ON PAYED SUFFACES, IT WILL SE REMOVED DALY, DUBING TIMES OF HAVY TRACK-OLY, SOLH AS DUBING RAIS, CLEANING ANY SE DONE SEYERAL TIMES THROUGHOUT HE DAY; (12.3) UNKNOWN SPILLS OR DECITE WILL NOT SEE MEAD WITH THE SEEDMENT, AND CLEANING MEMBERS TO MEMBERS THROUGHOUT TO MEMBERS THROUGHOUT SHOULD NOT SEPTEMBERS. IT WILL SEE SEPTEMBERS TO PROPERTY AT AN ALMORED.



#### ACTIVITY

INSTALL ALL BMP'S NEEDED AND ASSOCIATED WITH THE GRADING PHASE SUCH AS STABILIZED CONSTRUCTION ENTRANCES, SLIT BASINS, RISER PIPES, OUTLET PIPES, SLIT TRAPS, SLIT FENCE, DIVERSIONS, TERRACES, AND ETCETERA.

PROCEED WITH REMOVALS. STRIPPING OF EXISTING VEGETATION AND GRADING IN ACCORDANCE WITH THE GRADING PLAN, WHILE DISTURBING NO MORE THAN NECESSARY.

PROCEED WITH INFRASTRUCTURE INSTALLATION.

IMPLEMENT THE INSTALLATION OF TEMPORARY SEEDED, PERMANENT SEEDING, AND/OR MULCHING.

IMPLEMENT THE INSTALLATION OF ALL BMP'S NEEDED AND ASSOCIATED WITH THE BUILDING PHASE. PROCEED WITH REMOVAL OF BMP'S.

SCHEDULE

PRIOR TO ANY STRIPPING OF EXISTING VEGETATION, GRADING, REMOVALS, OR OTHER GROUND DISTURBING ACTIVITY.

AFTER INSTALLING ALL BMP'S NEEDED AND ASSOCIATED WITH THE GRADING PHASE. FURTHERMORE, INSPECTOR APPROVAL MUST BE OBTAINED BEFORE THE START OF ANY STRIPPING OF EXISTING VEGETATION OR GRADING.

INFRASTRUCTURE INSTALLATION MUST OCCUR PRIOR TO ANY LOT DEVELOPMENT.

STABILIZATION MEASURES MUST BE INITIATED AS SOON AS POSSBILE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORABLY OF PERMANENTLY CRASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR

BUILDING PHASE BMP'S MUST BE INSTALLED CONCURRENTLY WITH LOT DEVELOPMENT.

BMP'S MAY NOT BE REMOVED UNTIL EACH IMPACTED DRAINAGE BASIN HAS BEEN FULLY DEVELOPED, FULL DEVELOPMENT SHALL MEAN INSTALLATION OF PAYMENT, BUILDINGS, AND UNITIES, LANDSCAPING, AND FULLY ESTABLISHED PERMANENT SEEDING, FURTHERMORE, INSPECTOR APPROVAL MUST BE OGTAINED BEFOR



VICINITY MAP EGA PROJECT NO. 221022C SITE DEVELOPMENT: 1.46± ACRES



	STANDARD	DETAILS
NUMBER	NAME.	LOCATION.
9.5.2	CONSTRUCTION ENTRANCE	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.3	CONSTRUCTION ROAD STABILIZATION	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.4	SILT FENCE	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.5	STORM DRAIN INLET PROTECTION	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.6	CULVERT INLET PROTECTION	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.7	TEMPORARY DIVERSION DIKE	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.8	TEMPORARY FILL DIVERSION	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.9	CHECK DAMS	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.11	TEMPORARY SLOPE DRAIN	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.14	TEMPORARY SEDIMENT TRAP	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.15	TEMPORARY SEDIMENT BASIN	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.16	DUST CONTROL	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.19	TEMPORARY SEEDING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.20	PERMANENT SEEDING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.21	SODDING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.22	MULCHING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.23	SOIL STABILIZATION BLANKETS & MATTING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.5.25	WATTLE	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.1	CONSTRUCTION SCHEDULING AND SEQUENCING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.2	SANITARY WASTE MANAGEMENT	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.3	SOLID WASTE MANAGEMENT	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.4	MATERIAL DELIVERY AND STORAGE	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.5	STREET CLEANING / SWEEPING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.6	VEHICLE AND EQUIPMENT FUELING	OMAHA REGIONAL STORMWATER DESIGN MANUAL
9.6.7	SWPPP NOTIFICATION SIGN	OMAHA REGIONAL STORWWATER DESIGN MANUAL
9.6.8	CONCRETE WASHOUT	OMAHA REGIONAL STORMWATER DESIGN MANUAL
THE	OMAHA REGIONAL STORWWATER DESIGN MANUAL C	AN BE FOUND AT http://www.omghastormwater.org.

The City of Omoha Standard Plates are at https://publicworks.cityofomaha.org/2020-standard-plate-list

	SITE INFORMAT	TION		
12/1/2024	OMA-20240329-7273		CSW-202408618	
Estimated Start Date	PCWP Project Number		NDEE NOI Number	
ST. TIMOTHY'S LUTHERAN CHURCH	510 NORTH 93RD ST	TREET		
Project Name N/A	Address	ОМАНА	DOU	GLAS
Subdivision Name 41.263849	S&ID # -96.058087	City NEBRASKA	Cour 6811-	•
atitude	Longitude	State	Zip C	ode
Total Site Area (Acres)	3.48	Estimated Permit	Duration (Months)	12
Disturbed Area (Acres)	1.66	Cut Volume (YD^	3)	605
Undisturbed Area (Acres)	1.82	Fill Volume (YD^:	3)	1156
mpervious Area Before Construct	ion (%) 67.0	Runoff Coefficien	Before Construction	0.77
mpervious Area After Constructio	n (%) 65.6	Runoff Coefficien	After Construction	0.80

#### SWPPP INSPECTION SCHEDULE

TABLE 1							
REQUIRED INSPECTIONS							
STAGE 1 STAGE 2 STAGE 3 STAGE 4 (WINTE							
NO RAIN EVENT INSPECTION	WITHIN 24 HOURS OF A STORM EVENT EQUAL TO OR GREATER THAN 0.25 INCHES	WITHIN 24 HOURS OF A STORM EVENT EQUAL TO OR GREATER THAN 0.25 INCHES	WITHIN 24 HOURS OF A STORM EVENT EQUAL TO OR GREATER THAN 0.25 INCHES				
WEEKLY SITE INSPECTIONS, EXCLUDING NONBUSINESS HOURS, WITH NO MORE THAN 7 CALENDAR DAYS BETWEEN SITE INSPECTION	EVERY OTHER WEEK SITE INSPECTIONS, EXCLUDING NONBUSINESS HOURS, WITH NO MORE THAN 14 CALENDAR DAYS BETWEEN SITE INSPECTION	MONTHLY SITE INSPECTIONS, EXCLUDING NONBUSINESS HOURS, WITH NO MORE THAN 30 CALENDAR DAYS BETWEEN SITE INSPECTION	MONTHLY SITE INSPECTIONS, EXCLUDING NONBUSINESS HOURS, WITH NO MORE THAN 30 CALENDAR DAYS BETWEEN SITE INSPECTION				

#### GENERAL NOTES

- ALL OPERATORS/CONTRACTORS MUST CONFIRM WITH THE APPLICANT THAT ANY AND ALL APPLICABLE GOVERNMENTAL APPROVALS HAVE BEEN RECEIVED PRIOR TO THE START OF WORK.
- BMP'S MAY NOT BE REMOVED WITHOUT INSPECTOR AND APPLICABLE GOVERNMENTAL APPROVAL.
- CONCERNATIAL APPROVIAL.

  THE APPLICATIN INSPECTOR, AND CONTRACTORS/OPERATORS MUST ADHERE TO ALL GOOD HOUSEKEEPING GIAN'S PRESSITED WHITEN THE QUARK TO ALL GOOD HOUSEKEEPING GIAN'S PRESSITED WHITEN THE QUARK COOD CONCERN THE LANDLING MUSTIFICATION OF THE CALL AND CONCERN THE LANDLING MUSTIFICATION OF THE CALL AND CONCERN THE LANDLING MUSTIFICATION OF THE CALL AND CONCERN THE SASTHAFT WASTE MANAGEMENT (0.4.5), ASTHAFT WASTE MANAGEMENT (0.4.5), SASTHAFT WASTE MANAGEMENT (0.4.5), SOUTH WASTE MANAGEMENT (0.4.5), WITTEN ADDRESS CONCERN THE MANAGEMENT (0.4.5), WITTEN THE MANAGEMENT (0.4.5), WITTEN ADDRESS CONCERN THE MANAGEMENT (0.4.5)
- HE SWEP DOCUMENTS (C.G., NECK-MPDES, SWEPP—SM, SWEPP—M, ETC.)
  HOUSE TOCKMENTS (C.G., NECK-MPDES, SWEPP—SM, SWEPP—M, ETC.)
  HOUSE TOCKMENTS (R. ALL. THE SWEPP DOCUMENTS ARE COMPLEMENTARY,
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  HE DOCUMENTS DECORRE AND FORWARD THE SWEPP DECORRESTORS. THE TAME
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  TO THE TAME THE TAME THE TAME THE TAME THE TAME THE TAME
  ADMANIACE OF INV. APPARENT SWEPP DOCUMENTS.

  THE MOST STENDED.

CONTRACTOR INSPECTOR

DONALD F. GOSWICK EHRHART CRIFFIN & ASSOCIATES 3552 FARNAM STREET 0MAHA, NE 68131 P: 402-561-2315 F: 402-551-6540 dgoswick@ehrhartgriffin.com

#### APPLICANT

DESIGNER

DANA MESSERSCHMIDT ST. TIMOTHY'S LUTHERAN CHURCH 510 NORTH 93RD STREET OMAHA, NE 68114 P: 402-619-0460 F: N/A property@st-timothys.com

DANIEL J. DOLEZAL EHRHART GRIFFIN & ASSOCIATES 3552 FARNAM STREET OMAHA, NE 68131 P: 402-561-2314 F: 402-551-6540 ddolezal@ehrhartgriffin.com

0MA-20240329-7273-P

APPLICANT	SWPPP CERTIFIC	ATION	
ST. TIMOTHY'S LUTHERAN CHURCH Business Name	property@st-timothys.c		402-619-0460 Phone Number
DANA MESSERSCHMIDT Representative's Name	510 NORTH 93RD STRE	ET	Fax Number
Project # Assigned By APPLICANT	OMAHA City	NE State	68114 Zip Code

It hereby opes to act as APPLICANT in cascolation with this SMPP. Furthermore, I certify under penetry of law the following: (1) that, this occurrent and all supporting information has been proposed under my direction or supervision in accordance with a system analysed to cases the ball confidence of the secondance with a system analysed to cases the ball confidence of the secondance with a system analysed to cases the ball confidence of the secondance of th

Dava C. Messerohmid	10/07/2024
APPLICANT'S Signature	Date

PROJECT NO. EGA221022C

	ВУ			
	DATE			
REVISIONS	DESCRIPTION			
	NO.			

FHRHART GRIFFIN & ASSOCIATE ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

- ENGINEERING PLANNING
- LAND SURVEYING

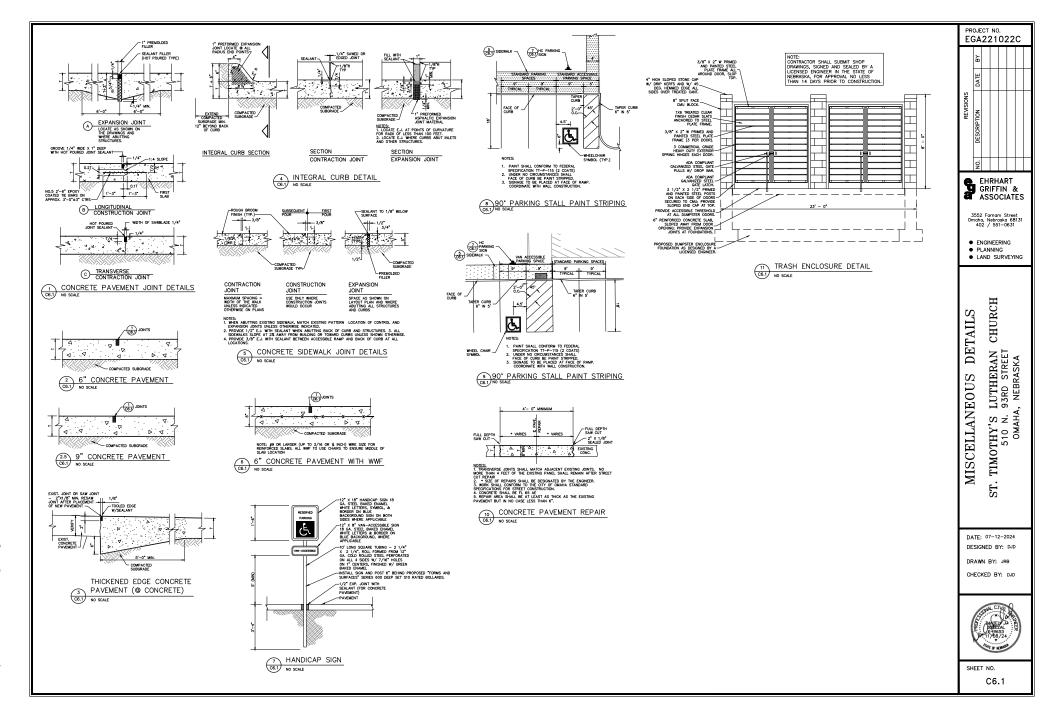
CHURCH  $\Omega$ NOTES TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA GENERAL  $\Omega$ NPDE ST.

DATE: 07-12-2024

DRAWN BY: JRB CHECKED BY: DJD



SHEET NO. C5.3



S/221022C - St Timothys Lutheran Clurch/ENGINEERING/E/Sheers/Details 221022C.dwg, 11/8/2024 10:16:1





PROPERTY LINE — — — – EXISTING CONTOUR - PROPOSED CONTOUR

- STORM SEWER PIPE

- PROPOSED CURB INLET - PROPOSED GRATE INLET

- PROPOSED AREA INLET

- PROPOSED STORM MANHOLE

PROPOSED FIRST DEFENSE MANHOLE

## STORM SEWER NOTES:

- ALL HDPE PIPE SHALL BE ADS N-12 DUAL WALL WITH WATERTIGHT JOINTS OR APPROVED EQUIVALENT UNLESS OTHERWISE SPECIFIED.
- ALL STORM SEWER PIPE BEDDING SHALL BE PER CITY OF OMAHA STD. PLATE NO. 701-01 OR PER MANUFACTURER'S SPECIFICATIONS AS DETERMINED BY THE ENGINEER.

- CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING STORM SEWER AT CONNECTION LOCATION PRIOR TO INSTALLING ANY STORM SEWER. IF ELEVATION DOES NOT MATCH PLANS CONTACT ENGINEER IMMEDIATELY FOR A SOLUTION.

- 11. SEE SHEET C7.4 FOR STORM PIPE AND STRUCTURE TABLES.

PROJECT NO. EGA221022C

REVISIONS

Š EHRHART GRIFFIN & ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

LAND SURVEYING

PROPOSED SEATING WALL, SEE LANDSCAPE PLANS

- ALL STORM SEWER CONSTRUCTION SHALL CONFORM TO THE 2015 OMAHA PLUMBING CODE AND THE CITY OF OMAHA SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2024 EDITION AND ANY ADDITIONS THERETO. THE AFOREMENTIONED PUBLICATION CAN BE FOUND AT HTTPS://PUBLICWORKS.CITYOFOMAHA.ORG/CONTRACTORS—CONSULTANTS

- 4. THE CITY OF OMAHA STD. PLATES CAN BE FOUND ON-LINE AT HTTPS: //PUBLICWORKS.CITYOFOMAHA.ORG/CONTRACTORS-CONSULTANTS
- COVER ELEVATION (C.E.) REPRESENTS THE TOP OF GRATE FOR AREA AND GRATE INLETS. AND TOP OF CURB FOR CURB INLETS.
- 6. FOR DETENTION RELEASE STRUCTURE DETAILS SEE (1)
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR STORM SEWER PIPE AND STRUCTURES TO BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL INVESTIGATE ALL UTILITY GROSSINGS TO COMPRISH HERE OF CONTROL TO CONSTRUCT OF CONTROL TO 10. CONTRACTOR SHALL ENSURE THE DETENTION PIPES AND HYDRODYNAMIC
- O. CONTRACTOR SHALL ENSURE THE DETENTION PIPES AND HYDRODYNAMIC PREPARATOR MANHOLE ARE CONSTRUCTED FOR THE ENGNEER'S DESIGN AND PROVIDE THE REQUIRED VOLUME. THIS IS REQUIRED PRIOR TO THE PROPERTY OF THE PRO

• ENGINEERING PLANNING

CHURCH PLAN TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA STORM OVERALL

DATE: 07-12-2024 DESIGNED BY: DJD

ST.

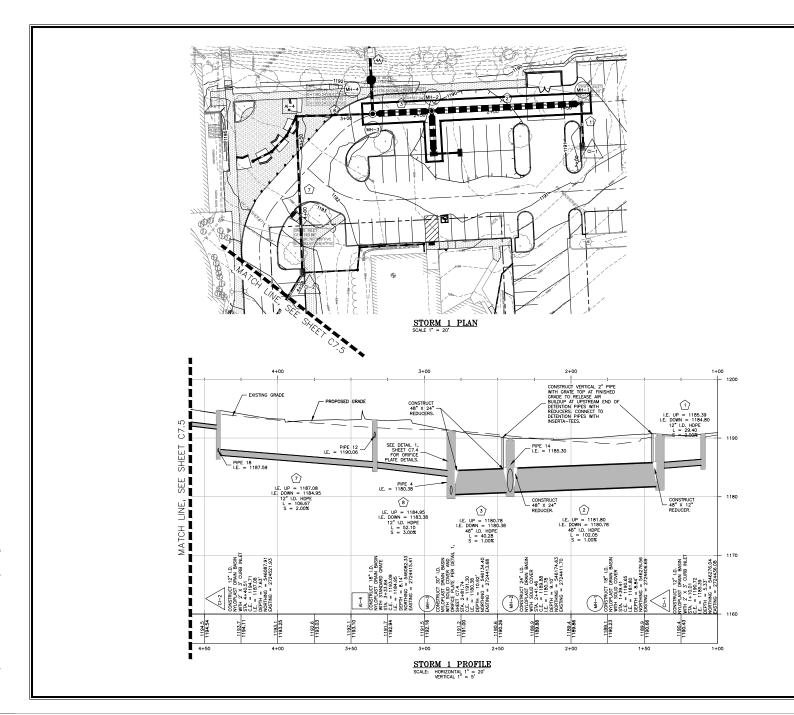
DRAWN BY: JRB

CHECKED BY: DJD



SHEET NO.

C7.1







STORM SEWER PIPE

- PROPOSED CURB INLET

PROPOSED GRATE INLET PROPOSED AREA INLET

PROPOSED STORM MANHOLE

PROPOSED FIRST DEFENSE MANHOLE

PROJECT NO. EGA221022C

REVISIONS Š

EHRHART GRIFFIN & ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

• ENGINEERING

PLANNING LAND SURVEYING

CHURCH AND PROFILES TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA STORM PLAN ST.

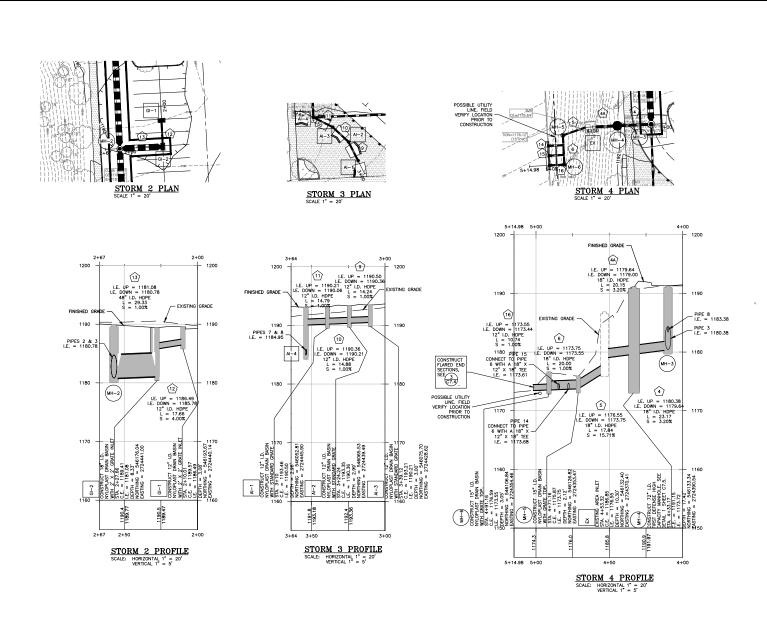
DATE: 07-12-2024 DESIGNED BY: DJD

DRAWN BY: JRB CHECKED BY: DJD



C7.2

SHEET NO.





- - - PROPERTY LINE - - - EXISTING CONTOUR - PROPOSED CONTOUR

STORM SEWER PIPE

PROPOSED GRATE INLET

- PROPOSED AREA INLET

PROPOSED FIRST DEFENSE MANHOLE

PROJECT NO. EGA221022C

Š.

EHRHART GRIFFIN & ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

• ENGINEERING PLANNING

LAND SURVEYING

PROPOSED STORM MANHOLE

CHURCH AND PROFILES TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA STORM PLAN ST.

DATE: 07-12-2024 DESIGNED BY: DJD

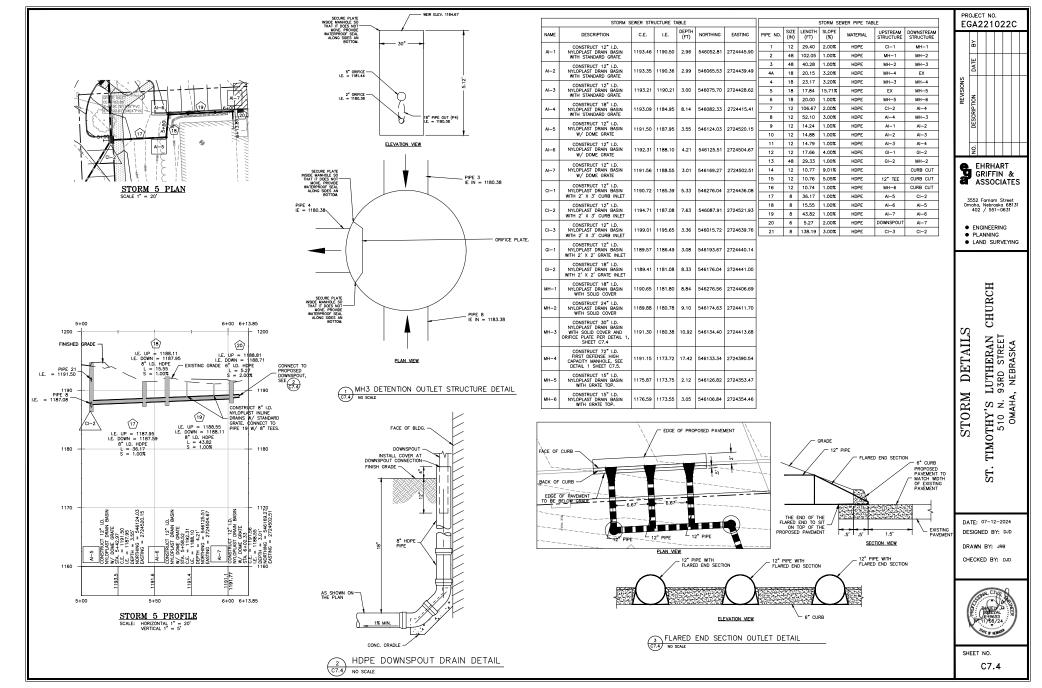
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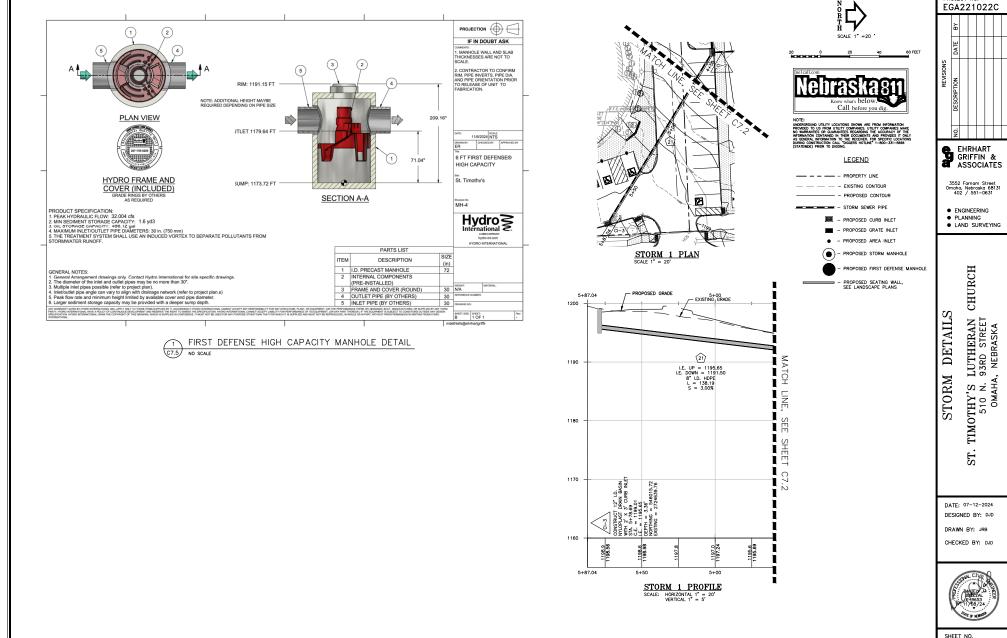


SHEET NO.

C7.3



- St Timothys Lutheran Church/ENGINEERING/E/Sheets/Storm\_221022C.dwg, 11/8/2024 10:16



PROJECT NO. EGA221022C

LAND SURVEYING



SHEET NO. C7.5 UNDERWOOD SO ROST-OF-WAY AVENUE



#### LEGEND

- PROPERTY LINE - PHASING LIMIT

PROPOSED 8" P.C.C. PAVEMENT

PROPOSED 6" P.C.C. PAVEMENT

PROPOSED 5" P.C.C. SIDEWALK

- PROPOSED AREA INLET

- PROPOSED GRATE INLET - PROPOSED STORM MANHOLE

PROJECT NO. EGA221022

EHRHART GRIFFIN & ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

- ENGINEERING PLANNING
- LAND SURVEYING

CHURCH OVERALL PHASING PLAN TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA

DATE: 08/01/2024 DESIGNED BY: CJO

ST.

DRAWN BY: CJO CHECKED BY: DJD

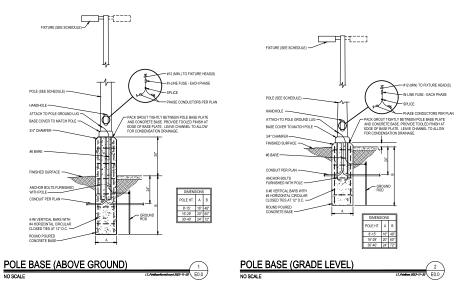
CREW: EGA



SHEET NO. C8.1

		ELEC	TRICAL SYMBOLS		
SYMBOL		1	LIGHTING AND POWER		Inescription
# SYMBOL	DESCRIPTION	SYMBOL		SYMBOL	CELLING MOUNTED EXIT LIGHT WITH DIRECTIONAL
( ) ( )	SURFACE MOUNTED CEILING LUMINAIRE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	Ø	SURFACE MOUNTED WALL LUMINAIRE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	⊗,	ARROW, SHADING INDICATES FACE (# INDICATES LUMINAIRE MARK IN SCHEDULE) WALL OR END MOUNTED EXIT LIGHT WITH
	RECESSED MOUNTED CEILING LUMINAIRE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	<b>Q</b> ,	RECESSED MOUNTED WALL LUMINAIRE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	₫,	DIRECTIONAL ARROW, SHADING INDICATES FACE (# INDICATES LUMINAIRE MARK IN SCHEDULE) COMBINATION CEILING MOUNTED EXIT/ EMERGEN
©# - # ·	PENDANT MOUNTED CEILING LUMINAIRE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	<u>V</u> ,	LIGHTING TRACK (# INDICATES LUMINAIRE MARK IN SCHEDULE)	₩.	BATTERY LIGHT WITH DIRECTIONAL ARROW, SHADING INDICATES FACE (#INDICATES LUMINAIRE MARK IN SCHEDULE)
O±	(# INDICATES LUMINAIRE MARK IN SCHEDULE)	V.	TRACK MOUNTED LUMINAIRE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	4-6	COMBINATION WALL MOUNTED EXIT/EMERGENCY BATTERY LIGHT WITH DIRECTIONAL
	IN GRADE/FLOOR LUMINAIRE IP INDICATES LUMINAIRE MARK IN SCHEDULE)	*	CEILING FAN - NUMBER OF BLADES IN SCHEDULE (# INDICATES LUMINAIRE MARK IN SCHEDULE)	₩.	ARROW, SHADING INDICATES FACE (# INDICATES LUMINAIRE MARK IN SCHEDULE) EMERGENCY BATTERY LIGHT
Ø#	SHADING INDICATES LUMINAIRE ON EMERGENCY		THEATER SPOT LIGHT		(# INDICATES LUMINAIRE MARK IN SCHEDULE) ABOVE GRADE LUMINAIRE
	CIRCUIT OR WITH BATTERY BACKUP	₩.	(VINDICATES LUMINAIRE MARK IN SCHEDULE)	Ø	(# INDICATES LUMINAIRE MARK IN SCHEDULE)
	LINES INDICATE ORIENTATION OF LUMINAIRE, WHERE INDICATED		PRIMARY DAYLIGHT ZONE BOUNDARY SECONDARY DAYLIGHT ZONE BOUNDARY	Y# <b>□</b> -Ø-C	POLE LUMINAIRE(S) (Z# AND Y# INDICATE POLE AI LUMINAIRE MARKS IN RESPECTIVE SCHEDULES)
ā	UNDERCABINET LIGHT (# INDICATES LUMINAIRE MARK IN SCHEDULE)		LIGHTING CONTROL ZONE BOUNDARY	_	LIGHTING PANEL - FLUSH MOUNTED
$\overline{}$	ARROW INDICATES WALL WASH LUMINAIRE AIMING		LIGHTING CIRCUIT/ZONE BOUNDARY	_	LIGHTING PANEL - SURFACE MOUNTED
S	SINGLE POLE SWITCH	Φ	SIMPLEX RECEPTACLE	-	DIMMING/RELAY PANEL
\$	LOW VOLTAGE SWITCH/CONTROL	<b>⊕</b> G,T,U	DUPLEX RECEPTACLE "G" SURSCRIPT INDICATES GEC: "T" SURSCRIPT	2000	DISTRIBUTION PANEL, SWITCHBOARD, OR MOTOR CONTROL CENTER
S <sub>2</sub>	DOUBLE POLE SWITCH	Ψ •	INDICATES TAMPER RESISTANT TYPE, "U" SUBSCRIPT INDICATES COMBINATION USB CHARGING STATION	Т	TRANSFORMER
S <sub>3</sub>	3-WAY SWITCH	₽	AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE	ATS	AUTOMATIC TRANSFER SWITCH
S4	4-WAY SWITCH	ф	ISOLATED GROUND DUPLEX RECEPTACLE		ENCLOSED CIRCUIT BREAKER
So	DOOR SWITCH	<u> </u>	HOSPITAL GRADE DUPLEX RECEPTACLE	Ø	SINGLE PHASE MAGNETIC MOTOR STARTER
Swc	MOMENTARY CONTACT SWITCH	Ö	RED DUPLEX RECEPTACLE	⊠	THREE PHASE MAGNETIC MOTOR STARTER
S⊤	TIMER SWITCH	9	DUPLEX RECEPTAGLE - SPLIT WIRED	⊠ı	COMBINATION MAGNETIC STARTER/DISCONNECT
Ste	SINGLE POLE MANUAL MOTOR STARTER WITH THERMAL OVERLOAD AND PILOT LIGHT	9	AUTOMATICALLY CONTROLLED DUPLEX RECEPTACLE - SPLIT WIRED	ABICID	SAFETY SWITCH (FUSED UNLESS OTHERWISE NOT
S	SWITCH AND FUSE	9	DRYER RECEPTACLE NEMA 14-30	ㅁ	"A"=AMP RATING, "B"=POLES, "C"=FUSE SIZE, "D"=N ENCLOSURE; FOR FUSE SIZE, "MR"=MFGR RECOMMENDATIONS AND "NF"+NON-FUSE
S	SWITCH AND FUSTAT	9	(125/250V 30A) SPECIAL PURPOSE RECEPTACLE	(1)	MOTOR
青	MANUAL DIMMER OR FAN SPEED CONTROL (F* INDICATES FAN SPEED CONTROL)	÷	(NEMA CONFIGURATION AS NOTED)  HORIZONTAL MOUNTED DUPLEX RECEPTACLE	FB	PILLBOX
	CEILING MOUNTED OCCUPANCY SENSOR	•	RANGE RECEPTACLE NEWA 14-50	Q Q	WALL MOUNTED JUNCTION BOX
<b>♦</b> ,	(# INDICATES FIXTURE NUMBER IN SCHEDULE) LINE VOLTAGE WALL MOUNTED OCCUPANCY	₩ ₩	(125/250V 50A) WELDER RECEPTACLE NEMA 6-50	Ψ O.	JUNCTION BOX
1 10	SENSOR/SWITCH (D INDICATES DIMMING)		(250V 50A)	⊕,	("F" INDICATES FLOOR, "C" INDICATES CEILING)
	PUSH BUTTON STATION	*	DOUBLE DUPLEX RECEPTACLE		BRANCH CIRCUIT
0	PHOTOCELL CEILING MOUNTED	*	(1) DUPLEX, (1) DUPLEX AUTOMATICALLY CONTROLLED	/-	BRANCH CIRCUIT - CONCEALED BELOW FLOOR (UNDERGROUND IF EXTERIOR) HOMERUN TO PANEL (NUMBER OF ARROWS
©	PHOTOCELL WALL MOUNTED	•	ISOLATED GROUND DOUBLE DUPLEX RECEPTACLE	_	INDICATES NUMBER OF CIRCUITS)
<u></u>	TIME SWITCH	*	RED DOUBLE DUPLEX RECEPTAGLE	$\overline{}$	SPECIAL PURPOSE HOMERUN AS INDICATED
R	RELAY	<b>•</b>	RECEPTACLE IN AV BACKBOX	$\overline{}$	CONDUIT SEAL
Ø	EMERGENCY LIGHTING RELAY	<u> </u>	WALL CLOCK HANGER RECEPTAGLE	$\sim$	CIRCUIT DOWN
I	LIGHTING CONTACTOR	Ø	CEILING MOUNTED DUPLEX RECEPTACLE	$\sim$	CIRCUIT UP
₩,	POWER AND/OR DATA FLOOR OUTLET ("#" INDICATES DEVICE TYPE IN SCHEDULE)	*	CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE	$\sim$	CONDUIT STUB-OUT
®	TECHNOLOGY INFRASTRUCTURE POWER WALL MOUNTED JUNCTION BOX	*	CEILING MOUNTED RED DUPLEX RECEPTACLE	OUNTED RED DUPLEX RECEPTACLE	
Φ	TECHNOLOGY INFRASTRUCTURE POWER CEILING MOUNTED JUNCTION BOX	0	CEILING MOUNTED SPECIAL PURPOSE RECEPTACLE	MOUNTED SPECIAL PURPOSE RECEPTACLE	
10 ,	COMBINATION POWER/DATA/AV TABLETOP OUTLET ("W" INDICATES DEVICE TYPE IN SCHEDULE)	ø	CEILING MOUNTED SIMPLEX RECEPTACLE	*	LIGHTING CONTROL TYPE. SEE LIGHTING CONTROL SCHEDULE
	MULTI-OUTLET ASSEMBLY ~ LENGTH AS INDICATED	•	POWER FLOOR OUTLET ("IF INDICATES DEVICE TYPE IN SCHEDULE)	(	BRANCH CIRCUIT/FEEDER TAG. SEE BRANCH CIRCUIT/FEEDER SCHEDULE
$\oplus$	MECH EQUIPMENT WITH ELEC CONNECTION SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE	Ø	RECEPTACLE IN CEILING AV BACKBOX	XX-##	LIGHTING ZONE CIRCUIT DESIGNATION, "XX" INDICE PANEL NAME, "##" INDICATES CIRCUIT NUMBER
			SUBSCRIPTS		
SYMBOL	DESCRIPTION SUBSCRIPT "EP" APPLIED TO ANY SYMBOL	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION SUBSCRIPT "WP" APPLIED TO ANY SYMBOL
EP	INDICATES EXPLOSION PROOF, CLASS, GROUP AND DIVISION AS NOTED	к	SUBSCRIPT "K" ADDED TO ANY SYMBOL INDICATES KEY OPERATED	WP	INDICATES WEATHERPROOF NEMA 3R OR EQUIVALENT
E	SUBSCRIPT "E" ADDED TO ANY SYMBOL INDICATES EXISTING	WG	SUBSCRIPT "WG" ADDED TO ANY SYMBOL INDICATES WIRE GUARD	Р	SUBSCRIPT "P" ADDED TO ANY SYMBOL INDICATES PLOT LIGHT
PD	SUBSCRIPT "PD" ADDED TO ANY FLOOR OUTLET INDICATES PEDESTAL MOUNTED	1	I	NL	SUBSCRIPT "NL" ADDED TO ANY SYMBOL INDICATE UNSWITCHED LUMINAIRE OPERATING AS A NIGHT

	ABBREVIATIONS								
A AUP AND CURRENT AND CURRENT ADVICE PROVIDED TO A MODIFIED TO ADVICE PROVIDED TO ADVICE PROVIDED TO ADVICE PROVIDED TO ADVICE PROVIDED AND ADVICE PROVIDED ADVICE PROVIDE	BEC BLOTTICAL  DID ETHINATED WANGARD DEMAND  BIN ELECTROMAGNETO INTERPRECE  BIN ELECTROMAGNET	LIG LIGHTING MORTE ANTENNA TELEVISION MANY MANY MANY MANY MANY MANY MANY MAN	PREDO SECURISED RECORDARY SOUTH OF BUSINESSAN BOOK SECONDARY SOUTH BUSINESSAN BOOK SECONDARY SOUTH BUSINESSAN BOOK SECONDARY SOUTH BUSINESSAN BOOK SECONDARY SOUTH BUSINESSAN BOOK SECONDARY SECONDA						



_																						
			LUMINAIF	RE SCH	EDULE																	
				SOURCE DATA COLOR				SOURCE DATA COLOR TEME	SOURCE DATA		SOURCE DATA		COLOR TEMP DIMMING		N OR TEMP DIMMINO	DIMMINO	N OR TEMP DIMMINO				ALTERNATE	
MARK	DESCRIPTION	MANUFACTURER	CATALOG NO.	LUMENS	LOAD (VA)	PER FOOT		PROTOCOL	VOLTAGE	MOUNTING	FINISH	MANUFACTURERS	REMARKS									
81	6" DIAMETER, 40" TALL LIT SECURITY RATED BOLLARD	FORMS + SURFACES	UBHLO-603	424	50		3000		208	SURFACE	STAINLESS STEEL		- 1									
801	6' DIAMETER, 40' TALL UNLIT SECURITY RATED BOLLARD	FORMS + SURFACES	LBHLO-803-N	-					-	SURFACE	STAINLESS STEEL		- 1									
82	24" DWMETER POST TOP, 12" POLE	LITHONIA	RAOPT LED P3 30K PATH 206 PT4 xx	\$707	54		3000		208	POLE												
TI	LED TAPE LIGHT IN ALLIMINUM EXTRUSION	KELVIX	58/35-xx.xx-30K-VR-SL-S-IP68	143	3.7	×	3000		208	RECESSED												
Y1	PARKANG LOT POLE LIGHT, 30' ROUND TAPERED ALLMINUM POLE, NUGHT AIR WRELESS CONTROLS	LITHONIA	RAD1 LED P530K ASY 208 RPA NLTAR2 xx	15501	122		3000		208	POLE												

GERMANDIS

A CONTROL OF PROFESSION REQUIREMENTA

A CONTROL OF PROFESSION REQUIREMENTA

A CONTROL OF PROFESSION REQUIREMENTAL PROFESSION REQUIREMEN

SITE LIGHTING POLE SCHEDULE							
MARK	LUMINAIRE QUAN. PER POLE	POLE HT. (FT.)	POLE TYPE	DESCRIPTION	REMARKS		
22	2	30	RTA	PARKING LOT POLE			

ORDAN, NOTE:

SESSOR/CONTROL FOR MADRIAN, REQUIREMENTS.

A SESSOR/CONTROL FOR PRIVATE AND REQUIREMENTS PRIVATE TO ORDERING.

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F. PROVIDE INTERNAL VIBRATION DAMPENER FOR G. REFER TO PLANS FOR LUMINAIRE ORIENTATION.

OCHPRIGHT 2004

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 Omoho:
 Lincole:
 Oldohoma City:
 Des Moines:

 1201 Com Street
 1220 Uscris Mall, Sults 200
 1001 W, Whiteler Bird, Salts 100
 400 Eart Court Avenue, Salts 100

 Condut, RC 681302
 Example (64130)
 Oldohoma City, CY 73116
 Min Males, N. 50309

 Prover (602) 346-7007
 Phose (602) 607-74510
 Phose (602) 503-048569
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REVISIONS DESCRIPTION Š EHRHART GRIFFIN & ASSOCIATES

PROJECT NO. EGA221022C

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

• ENGINEERING PLANNING

LAND SURVEYING

CHURCH

ST. TIMOTHY'S LUTHERAN 510 N. 93RD STREET OMAHA, NEBRASKA

DATE: 11-08-2024 DESIGNED BY: JJW

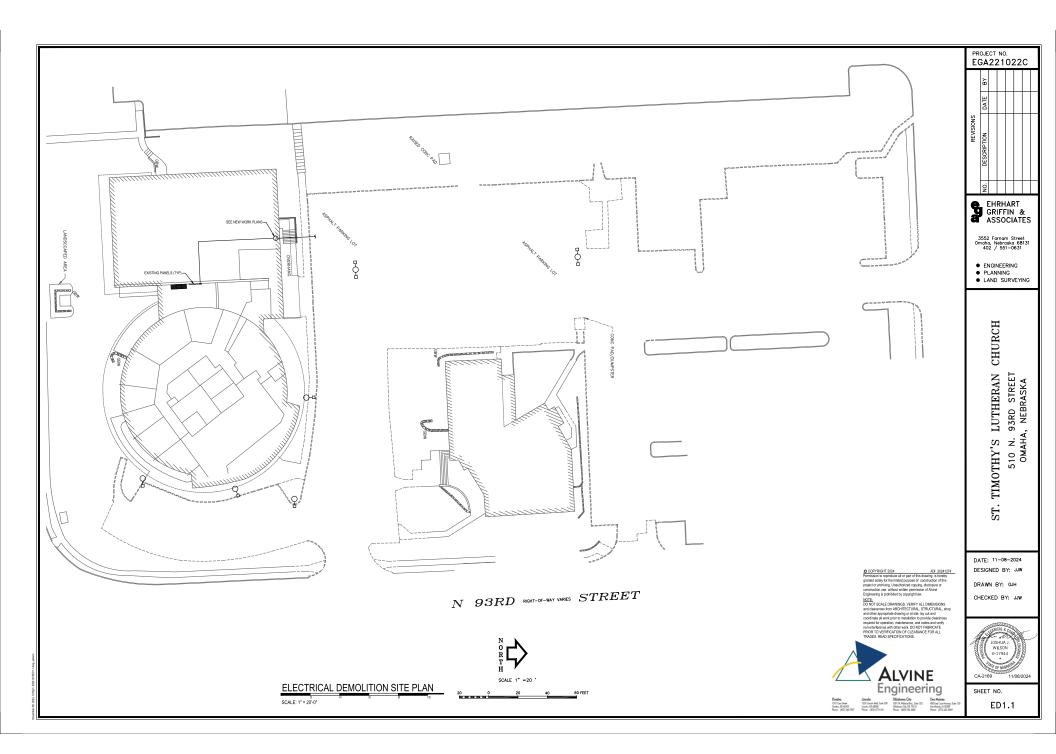
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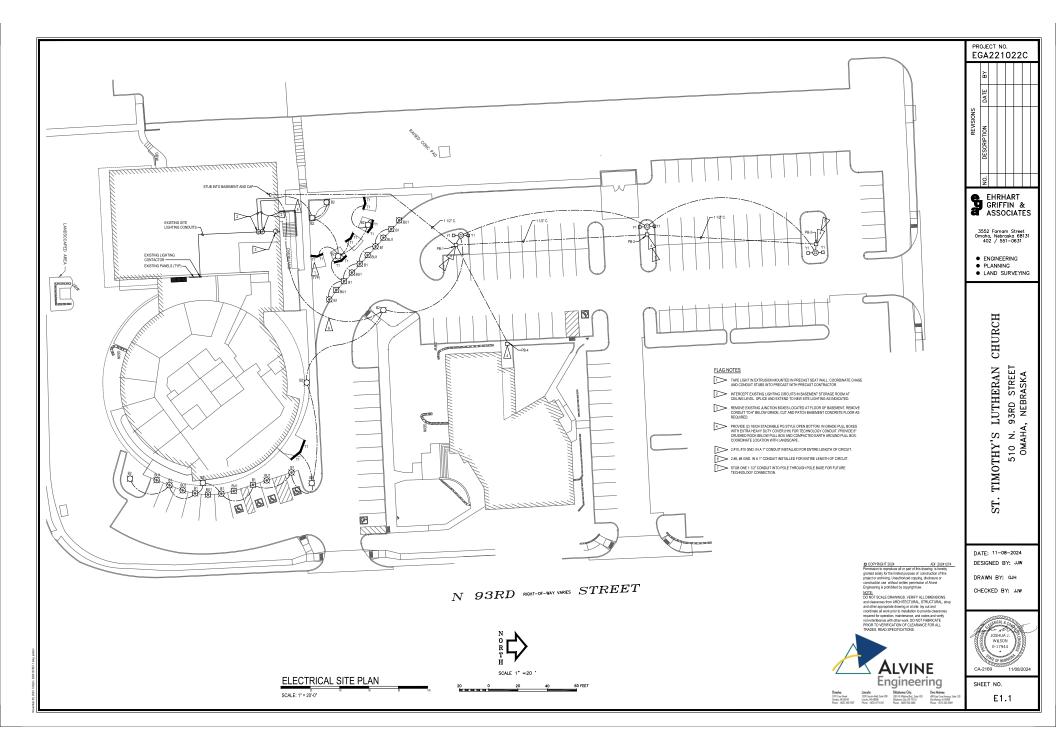
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SHEET NO.

WBOLS INDICATED HERE AND NOT USED IN THE





# ELECTRICAL SPECIFICATIONS SECTION 26 0400 COMMON REQUIREMENTS FOR ELECTRICAL THIS SECTION DESCRIBES THE GENERAL REQUIREMENTS OF THESE SPECIFICATIONS AND SHALL APPLY TO ALL PHASES OF THE WORK SPECIFIC, SHOWN ON THE DRAWNINGS, OR REQUIRED TO PROVIDE FOR COMPLETE INSTALLATION OF ALL SYSTEMS FOR THIS PROLECT. B. THIS SECTION INCLUDES BASIC MATERIALS AND METHODS TO COMPLEMENT OTHER DIVISION 26 SECTIONS A. WARRANT MATERIALS, WORKMANSHIP AND EQUIPMENT AGAINST DEFECTS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF SUBSTRATIFAL COMPUTITION. REPAIR OR REPLACE, AT NO ADDITIONAL COST TO THE OWNER, ANY ITEM WHICH MAY BECOME DEFECTIVE WITHIN THE WARRAN PERIOD. C. THE CONTRACTOR AGREES NOT TO YOU OR IMPAIR OR TO ALLOW SUB-CONTRACTORS TO YOU OR IMPAIR ANY WARRANTES REGALDING PRODUCTS OR TREAT INSTALLED AS PAIRT OF THIS PROJECT. D. THE REPAIR OF PAILITY WORKANNES-SHALL BE CORRESIDED TO BE RULLIDED IN THE CONTRACT. QUESTIONS OF INTERPRETATION DURING BIDDING PHASE A. IF QUESTIONS ARISE DURING THE BIDDING PROCESS REGARDING THE MEANING OF ANY PORTION OF THE CONTRACT DOCUMENTS, THE PROSPECTIVE BIDDER SHALL SUBNIT THE QUESTIONS TO THE ENGINEER FOR CLARIFICATION. 8. ANY DEFINITIVE INTERPRETATION OR CLARFICATION OF THE CONTRACT DOCUMENTS WILL BE PUBLISHED BY ADDENDA, PROPERLY ISSUED TO EACH PERSON HOLDING DOCUMENTS, PRIOR TO THE BIO DATE. C. YERBAL INTERPRETATION OR EXPLANATION NOT ISSUED IN THE FORM OF AN ADDENDLM SHALL NOT BE CONSIDERED PART OF THE BEDENG DOCUMENTS. D. WHEN SUBMITTING QUESTIONS FOR CLARFICATION, ADEQUATE TIME FOR ISSUANCE AND DELIVERY OF ADDENDA MUST BE ALLOWED. E. THE ENGINEER SHALL BE THE SOLE JUDGE REGARDING INTERPRETATIONS OF CONFLICTS WITHIN CONTRACT DOCUMENT. A. IF ANY AMBIGUITIES SHOULD APPEAR IN THE CONTRACT DOCUMENTS, REQUEST CLARIFICATION FROM THE ENGINEER BEFORE PROCEPTIONS WITH THE WORK. IF THE CONTRACTOR FALLS TO MAKE SUCH REQUEST, NO EXCUSE WILL THEREAFTER BE ENTERTAINED FOR FAILURE TO CARRY OUT THE WOOK IN A MANAGER SATISFACTORY TO THE ENGINEER. SHOULD A CONFLICT OCCUR WITHIN THE CONTRACT DOCUMENTS, THE CONTRACTOR IS DEEMED TO HAVE ESTIMATED THE MORE EXPRESSE WAY OF DOING THE WORK UNESS A WRITTEN CLARFICATION FROM THE ENGINEER WAS REQUESTED AND OBTAINED BEFORE SUBMISSION OF PROPOSED WITHINGO SEY MATERIALS. D. THE ENGINEER SHALL BE THE SOLE JUDGE REGARDING INTERPRETATIONS OF CONFLICTS WITHIN CONTRACT DOCUMENTS DEFINITIONS SHALL APPLY THROUGHOUT THE CONTRACT DOCUMENTS POLICIAINE AND CONTROL OF THE MAN CONTROL OCCUPIED A SHARE AND CONTROL OCCUPIED A SHARE AND CONTROL OCCUPIED AND C INDICATION INVESTIGATION THE DISSIPPART OF THE THE SELECTED SELECT FINISHED SPACES, SPACES OTHER THAN INCOMMENTS AND INANJEACTURER'S REQUIREMENTS. FINISHED SPACES, SPACES OTHER THAN INCOMINGAL INDICATE COMPINENT ROOMS, FURRED SPACES, PPE AND DUCT SHAFTS, LAMERATED SPACES INANGUATELY RELOW ROOM, SPACES AROYE CREAMS, INEXCAVATED SPACES, CHAIR, SPACES, AND TUMBELS. EXPOSED, INTERIOR INSTALLATIONS: EXPOSED TO VIEW INDOORS. EXAMPLES INCLUDE FINISHED OCCUPIED SPACES AND MECHANICAL EQUIPMENT ROOMS. MICHANICA (DUPMEN ROUSE FORDED DITIESTE PALLITATION: DIVISION TO VEW CUITOORS, OR SUBJECT TO CUITOOR AMBIENT TEMPERATURES AN BEICH OLD CONTINUE. DOWNED AND THE CONTINUE PALLITATION OF THE CONTINUE DAY ADMAND TO MANAGEMENTS OF MORTHUS E-MANNESS OF MORTHUS CHARMAGE MANAGEMENT OF MORTHUS CHARMAGEMENT OF MORTHUS CHARMAGEMENT

# A. ITEMS OF EQUIPMENT AND MATERIALS ARE INDICATED ON THE DRAWINGS IN ACCORDANCE WITH THE SYMBOLS ON THE PLANS

THE PREJUDINAL MARKATORA MAY THROUGH OFFI THE ORDINAL TO COUNTRY.

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NEMA: NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATIO NEMA: NATIONAL FIRE PROTECTION ASSOCIATION UL OR UNDERWRITERS. UNDERWRITERS LABORATORIES, INC.

A. THE WORK SHALL BE PERFORMED BY PERSONS SKILLED IN THE TRADE INVOLVED AND SHALL BE DONE IN A MANNER CONSISTENT WITH NORMAL INDUSTRY STANDARDS.

O HIRAMORIO, AND SPECI PICATIONS:

NITERATIONAL BULDING CODE (BIC)

SWETER MODELLA HERBOLATIONS FOR CONSTRUCTION

OCCUPATIONS, SWETER WAS HERBOLATIONS FOR CONSTRUCTION

OCCUPATIONS, SWETER WAS HEALTH STANDARDS (COBM), NATIONAL CONSENSUS STANDARDS AND ESTABLISHED INTRAMEDIATIONS.

C. WHERE THERE IS A CONFLICT BETWEEN THE CODE AND THE CONTRACT DOCUMENTS, THE CODE SHALL HAVE PRECEDENCE CNLY WHEN IT IS WORK STRINGENT THAN THE CONTRACT DOCUMENTS.

 If the STRAT ARE ALLOWED TO THE CODE BUT AND LESS STRINGENT THAN THOSE SPECIFIED SHALL NOT BE SUISTITUTED.

A. PERMITS, LICENSES, INSPECTIONS AND ARRANGEMENTS REQUIRED FOR THE WORK SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.

UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCAL RILLES AND REGULATIONS. CHARGES SHALL BE PAID BY THE CONTRACTOR.

1.10 MATERIALS AND EQUIPMENT MANUFACTURERS

OPTIONS IN SELECTING MATERIALS AND EQUIPMENT ARE LIMITED BY REQUIREMENTS OF THE CONTRACT DOCUMENTS AND GOVERNING REGULATIONS. THEY ARE NOT CONTROLLED BY INDUSTRY TRADITIONS OR PROCEDURES EXPERIENCED ON PREVIOUS CONSTITUCTION PROLECTS. MATERIALS AND EQUIPMENT SHALL BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING

ATTERNS AND GLARRINTS BANK, SE PROVINCE IN ACCESSIONACE WITH THE FOLLORING:

PRIMARY CESSION PROVINCES PRIMARY FEEST PROVINCES ARE ROOMED PROVINCES AND BOOM PROVINCE

VARIABINES.

A CORPTAINE EXCENDENT SUBSTITUTIONS ACCESSIVALE COLORED SUBSTITUTIONS ACCESSIVATE SUBSTITUTIONS ACCESSIVATE ON MANIFICATIONS OF THE PRIVATE SUBSTITUTIONS ACCESSIVATE SUBSTITUTIONS SHALL MEET DEACH OF THE CLORED RECOGNISHED ACCESSIVATE SUBSTITUTIONS SHALL MEET DEACH OF THE CLORED RECOGNISHED SUBSTITUTIONS SHALL MEET DEACH OF THE ACCESSIVATE SAME SUBSTITUTIONS SHALL MEET DEACH SUBSTITUTION SHALL SHAL

THE PRODUCT SHALL MEET OR EXCEED THE REQUIREMENTS OF THE CONTRACT DOCUMENTS IN TERMS OF QUALITY, PERFORMANCE, SUITABLE DY, APPEARANCE, AND PHYSICAL CHARACTERISTICS.

PERFORMANCE, SUITABILITY, PRIVATENCE, AND PRIVACE, CHANGE (STREET).

THE CONTRICTOR PRODUCTION THE CONTRICTOR CHANGE (STREET) COST OF CHANGES SHE TO RESTRICTIONS, AND PRIVATE CHANGES SHE TO RESTRICTIONS. AND PRIVATE CHANGES SHE TO RESTRICT CHANGES SHE TO RESTRICT CHANGES SHE TO RESTRICT CHANGES SHE THE PRODUCTION CHANGES SHE PRIVATE PRIVATE PRODUCTION CHANGES SHE PRIVATE PRODUCTION CHANGES SHE PRIVATE P

PROPOSED SUBSTITUTIONS WILL BE JUDGED ON THE ABOUT OF OUR JUTY PROPOSED AND A SUBSTITUTIONS WILL BE JUDGED ON THE ABOUT OF OURLYTY PROPOSEMANCE APPEARANCE AND ON THE GOVERNMON SPACE IMMATRICES. THE REPURLEMENTS, AND THE AVAILABLITY OF REPAIR OR REPURLEMENTS, AND THE AVAILABLITY OF REPAIR OR REPURLEMENTS, AND THE AVAILABLITY OF REPAIR OR REPURLEMENTS.

THE ENGINEER SHALL BE THE SOLE AND FINAL JUDGE AS TO THE SUITABILITY OF SUBSTITUTION ITEM

SHOP DRIVINGS, PRODUCT DATA AND SAMPLES.
 OTHER SECTIONS IN THE PROJECT MANUAL SHALL SE ADHERED TO FINDES STRINGENT THAN THE FOLLOWING PARAGRAPHS.
 WHEN REQUIRED BY OTHER SECTIONS OF THIS PROJECT MANUAL, SUBWIT SHOP ORWINGS, PRODUCT DATA OR SAMPLES TO THE ENGNEER FOR REVERI.

THE CONTRICT YOUR REVER SHAPE BY THE ENGINEER SHALL BE RETURNED INDICATING YOU ACTION TWISEY. SUBMITTALS DEBUGD OWNECESSARY BY THE ENGINEER SHALL BE RETURNED INDICATING YOU ACTION TAKEN; A COMPLETED COPY OF THE TRANSMITTAL FORM INCLUDED WITH THE PROJECT MANUAL SHALL ACCOMPANY EACH SUBMITTAL SUBMITTAL SHAPE AND MERCEOLOGY.

UNLESS OTHERWISE NOTED, SUBMIT ONE COPY ELECTRONICALLY OF SHOP DRAWINGS AND PRODUCT DATA FOR REVIEW, REVIEW COMMENTS WILL BE RETURNED ELECTRONICALLY. A HARD COPY OF THE ELECTRONIC SUBMITTAL WILL BE RETURNED FEORISSTED.

ASOND STATE OF CHARMAGE AND CHARMAGE SCHEDULES AND OTHER DATA SPECIFICALLY PREPARED FOR THIS PROJECT BY THE COMMISCION AMPLIFICATION OF THE STATE SHIPMER OF CHARMAGE AND THE STATE SOME PORTION OF THE MORK, SHIPMER OF CHARMAGE AND THE STATE OF THE STAT

SHOP ORWINDS DAVILLE BOWNED TO ACCURATE EACH ADM OF COCCUST BEING TO LULIFIANT RECORDED CHILLS.

BOYCH CHARLES AND ACCUST AND ACCUST AC

12. CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSELITY FOR ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE BROWNINGS REVIEW OF SHOP DRAWINGS, PRODUCT DATA OR SAMPLES.

DOCUMENTS BY THE DENDRIFIES REVIEW OF SHIPD POWNINGS, PRODUCT DATA OR SAMPLIS.

CONTINCTION BRULL OF BRILLIUST POWN REPORMENTLY FOR REPORT OR ORISISTION BY THE SHIPD PRIMINGS, PRODUCT DATA OR SAMPLES BY THE DENDRIFIES REVIEW OF THOSE DOWNINGS.

NO PORTION OF THE MORE REQUIRED SHIPS WE'VE OF A PROF DEMAND.

NO PORTION OF THE MORE REQUIRED SHIPS WE'VE OF A PROF DEMAND, PRODUCT DATA OR SAMPLE SHALL BE COMMINCED UNTIL THE SAMPLE SHALL BE IN ACCORDANCE WITH PRIVINGS DEMAND. THE WORK SHALL BE IN ACCORDANCE WITH PRIVINGS DEMAND.

PREPARE THREE (3) (PRENTION AND MANTENANCE MANALS FOR THE BOLIFMENT FURNAMED, MANALS SHALL BE SUBMITTED TO THE BINGINEER FOR REVIEW AND DISTRIBUTION TO THE OWNER NOT LESS THAN 30 DAYS PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT, MANUALS NOT MEETING THE FOLLOWING REQUIREMENTS MAY BE REJECTED BY THE ENDINEER.

COMPLETE OPERATING INSTRUCTIONS FOR EACH SYSTEM AND ITEM OF EQUIPMENT SHALL BE PROVIDED TO THE OWNERS DESIGNATED PERSONNEL.

OPERATION AND MAINTENANCE MANUALS MUST BE REVIEWED AND ACCEPTED BY THE ENGINEER AND PROVIDED TO THE OWNER PRIOR TO OPERATING TRAINING.

TRAINING SHALL INCLUDE INSTRUCTIONS ON THE FOLLOWING:

A. COORDINATE ARRANGEMENT, MOUNTING, AND SUPPORT OF ELECTRICAL EQUIPMENT.

TO ALLOW MAXIMAN POSSIBLE HEADROOM WALSS SPECIFIC MOUNTING HEIGHTS THAT REDUCE HEADROOM ARE MOICATED. TO PROVIDE FOR EASE OF DISCONNECTING THE EQUIPMENT WITH MINIMAN INTERFERENCE TO OTHER INSTALLATIONS. TO ALLOW RIGHT OF WAY FOR PIPMS AND CONDUIT INSTALLED AT REQUIRED SLOPE.

COORDINATE ELECTRICAL SERVICE CONNECTIONS TO COMPONENTS FURNISHED BY UTILITY COMPANES.
 COORDINATE NISTALATION AND CONNECTION OF ECTEROR INDERSIDADIO AND OFERHEDU TILITES AND SERVICES, INCLUDIO PROVISOR FOR ELECTRICATIVE SERVICE AND CONNECTION.
 COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING ARRSOLTION AND OF UTILITY COMPANY PROVISING ELECTRICATION.

POWER AND OTHER SERVICES.

PART 2 PRODUCTS 2.1 DEDECRIMANCE CARACITIES AND CHARACTERISTICS

SEE DRAWINGS FOR EQUIPMENT SCHEDULES FOR EQUIPMENT PERFORMANCE REQUIREMENTS WHEN CAPACITIES AND CHARACTERISTICS ARE NOT INDICATED IN THE SPECIFICATIONS.

2.3 MATERIALS AND EQUIPMENT PURNISHED BY OTHERS

WHERE MATERIALS AND EQUIPMENT ARE INDICATED AS FURNISHED BY OTHERS AND INSTALLED OR CONNECTED UNDER THIS CONTRACT, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY INSTALLATION DETAILS AND REQUIREMENTS.

2.4 QUANTITY OF SPECIFIED ITEMS REQUIRED

2.5 BACKELL MATERIAL AND MAYER

EARTH FILE. APPROVED TYPE OF SOL CLASSIFIED, IN ACCORDANCE WITH ASTM DOME?, AS GW, GP, GM, GC, SW, SP, SM, SC, ML CR CL, MO PREE OF FORBION SUBSTANCES, OBTAINED FROM EXCAVATION ON THIS PROJECT OR OTHER APPROVED SOURCE, AND HAVING A 64 ACTIONY MAY RETERIEST A. TO.

GRANULAR PILL: GRANALAR FILL SHALL INCLUDE CLEAN, NATURAL OR PREPARED GRAVELS, GRAVEL-SAND MIXTURES, SANDS OR GRAVILLY SANDS WITH LITTLE OR NO FINES. A MINIMUM OF 6th SHALL BE RETAINDO ON A NO. 201 SENTE.

PEA GRAVEL: PEA GRAVEL SHALL CONSIST OF CLEAN, HARD, ROUND PARTICLES OF CRUSHED STONE, CRUSHED OR UNCRUSHED GRAVEL WITH THE FOLLOWING GRADATION.

SEVE SZE PERCENT RETAINED

PARTS EXECUTION

FABRICATION, DRICTION, AND INSTALLATION OF THE COMPLETE BLECTEICAL SYSTEM SHALL BE DONE BY QUALIFIED PERSONNE EXPERIENCED IN SUCH WORK AND SHALL PROCEED IN AN ORDERLY MANNER SO AS NOT TO HOLD UP THE PROGRESS OF THE SPOLIS

COMMENCEMENT OF WORK SIGNIFIES THE CONTRACTOR'S ADCEPTANCE OF THE CONDITIONS AS FIT AND PROPER FOR THE EXECUTION OF THE ELECTRICAL WORK. D. INSTALL EQUIPMENT AND SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, REQUIREMENTS, OR

UNLESS OTHERWISE NOTED, MEASURE NOICATED MOUNTING HEIGHTS TO BOTTON OF UNIT FOR SUSPENDED ITEMS AND TO CENTER OF UNIT FOR WALL-MOUNTING ITEMS.

OF UNIT FOR INJULYMONTHS FIRES. 
SEQUENCES: SELECT DATACLERISTS ERRORS, MANIFORMICS, MODERNING REPLICITION. 
EXPENSION AND CHIEF MARKEN WAS TRAIL, LATONS, CONNECT IN SUCH A WAY AS TO PACULTATE PUTURE DISCONNECTING WITH 
MARKINA RESPERSAL SELECT HISTORIA FIRES HE WE CONST.

RIGHT OF WAY: QUE TO PACCENATS AND PPING SYSTEMS INSTALLED AT A REQUIRED SLOPE.

MATERIALS AND COMPONENTS: INSTALL LEVEL, PLUVB, AND PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS, UNLESS OTHERWISE INDICATED.

A. MAKE PROVISIONS FOR THE DELIVERY AND SAFE STORAGE OF MATERIALS. MAKE THE REQUIRED ARRANGEMENTS WITH OTHER CONTRACTORS FOR THE INTRODUCTION INTO THE BUILDING OF EQUIPMENT TOO LANGE TO PASS THROUGH FINISHED OPENINGS.

MATERIALS SHALL BE DELIVERED AT SUCH STACES OF THE WORK AS WILL EXPEDITE THE WORK AS A WHOLE AND SHALL BE MARKED AND STORED IN SUCH A WAY AS TO BE EASILY CHECKED AND INSPECTED. C. ADEQUATELY PROTECT SUPPLIES AND EQUIPMENT DURING COLD WEATHER. 3.3 COORERATION WITH OTHER CONTRACTORS

WHITCH/CONTINUE PROFESSIONAL THE RECEIVED, MORK WITH THE WORK OF THE PROPERTY CONNECT AND COORDINATE THE RECEIVED, MORK WITH THE WORK OF OTHER CONTINUETORS AT SUCH TIME AND IN SUCH A NAWARM AS NOT TO BLACK OR WITHIN THE WORK WORK.

C. EXAMINE THE CONTINUET DOCUMENTS FOR THE GENERAL AND ELECTRICAL WORK AND THE WORK OF OTHER TRADES. COORDINATE MORK ACCORDINATE.

D. PROMPTLY REPORT TO THE ENGINEER ANY DELAY OR DIFFICULTIES ENCOUNTERED IN THE INSTALLATION OF THE ELECTRICAL WORK WHICH MIGHT PREVENT PROMPT AND PROPER INSTALLATION OF WORK REQUIRED FROM OTHER TRACES. 3.4 COORDINATION OF WORK

A. PLAN WORK SO IT PROCEEDS WITH A MINIMUM OF INTERFERENCE WITH OTHER TRADES

B. COOPERATE WITH OTHER CONTRACTORS IN PURINSHING MATERIAL AND INFORMATION, IN PROPER SEQUENCE, FOR THE CORRECT LOCATION OF SLEZYS, ROBERTS, FOUNCHINDS, WINNIG, ETC.

C. MAYE PROVISIONS FOR SPECULE PARKES, CREMINGS, MOSI ELEVES AS REQUIRED.

D. THE ELECTRICAL CONTRACTOR SHALL PAY FOR EXTRA CUITING AND PATCHING MADE NECESSARY BY HIS FAILURE TO PROPERLY DIRECT SUCH WORK AT THE CORRECT TIME.

A. CAREFULLY LAY OUT WORK IN ADJANCE OF INSTALLATION USING DATA AND NEASUREMENTS FROM THE SITE, THE APPROPRIATE CIVIL, ARCHITECTURAL, AND STRUCTURAL DRIWINGS, AND SHOP DRAWINGS.

 CONTROL OF REQUIRED FOR CONTROL OF THE CONTROL PRIOR TO INSTALLATION OF ANY WORK, MAKE CERTAIN THE LOCATION DOES NOT CONFLICT WITH OTHER ITEMS IN OR NEAR THE SAME LOCATION.

E. IF THE LAYOUTS SO PREPARED INDICATE THAT THE REQUIRED CONDITIONS CANNOT BE MET IN THE SPACE PROVIDED, INFORM THE ENSINEER PRIOR TO INSTALLATION AND REQUEST CLARIFICATION. FALURE TO PROFERLY COORDINATE AND LAY OUT WORK WILL REQUIRE CORRECTION BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE

B. THE DATA GIVEN HEREIN AND ON THE DRAWINGS IS AS ACCURATE AS COULD BE SECURED; ABSOLUTE ACCURACY IS NOT DIMENSIFED.

OBTAIN EXACT LOCATIONS, MEASUREMENTS, LEVELS, ETC., AT THE SITE AND ADAPT THEIR WORK TO ACTUAL CONDITIONS LAYOUT AND COORDINATE WORK PRIOR TO INSTALLATION TO PROVIDE CLEARANCES FOR OPERATION, MAINTENANCE AND CODES.
VERIFY NOW INTERFERENCE WITH OTHER WORK.

E. LOCATE INDIVIDUAL DEVICES OR PECES OF EQUIPMENT, UNLESS OTHERWISE SPECIFIED, 90 THE OPERATING HANDLE, LEVER OR BUTTON IS LOCATED APPROXIMATELY OF EET ABOVE RINSHED FLOOR, COORDINATE HEIGHTS OF ELECTRICAL ITEMS WITH WORK FURNISHED FOR OTHER THAGES TO AUTOMOTIVE OF AUTOMOTIVE AUTOMOTIVE OF THE THAGES. IMPROPERLY LOCATED DEVICES OR OUTLETS SHALL BE RELOCATED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE INCLUDING RECESSARY PATCHING.

3.7 PROTECTION OF APPARATUS TAKE NECESSARY PRECAUTIONS TO PROPERLY PROTECT APPARATUS, FIXTURES, APPLIANCES, MATERIAL, EQUIPMENT, AND INSTALLATIONS FROM DAMAGE.

3.8 EXCAVATION PERFORM EXCAVATION OF EVERY DESCRIPTION AND OF WHATEVER SUBSTANCES ENCOUNTERED, TO THE DEPTHS REQUIRED OR INDICATED ON THE DRAWNINGS, IN ADCORDANCE WITH CHIA.

B. DURING EXCAVATION, DEPOSIT MATERIAL SUITABLE FOR BACKFILL IN AN ORDERLY MANNER A SUFFICIENT DISTANCE FROM THE EXCAVATION BANKS TO AVOID OVERLOADING AND TO PREVENT SLICES OR CAVE-NS.

D. GRADE AS NECESSARY TO PREVENT SURFACE WATER FROM FLOWING INTO TRENCHES OR OTHER EXCAVATIONS, AND REMOVE ANY WATER ACCUMULATING THEREIN BY PLIMPING OR BY OTHER ACCEPTABLE METHOD.

E. FILL MAY EXCESS EXCAVATION BELOW THE LEVELS INDICATED FOR STRUCTURES OR RACEWAYS WITH SAND, GRAVEL OR CONCRETE. THE CONTROL OF THE CO

DISPOSE OF THE UNSUITABLE MATERIAL. G. SHORING REQUIREMENTS:

PERFORM SHORING AND SHEETING THAT IS REQUIRED TO PROTECT THE EXCAVATION AND TO SAFEGUARD EMPLOYEES IN ACCORDANCE WITH ORMA. WIDEN EXCAVATION TO PROVIDE FOR SPACE OCCUPIED BY SHORING AND SHEETIN SHORING SHALL MEET THE REQUIREMENTS OF APPLICABLE CODES AND REGULATIONS.

PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING PROJECT STITE AND SUBSCILLATION AREA. OO NOT ALLOWWINEED TO ACQUIRE BY EXCAVATIONS.

REMOVE WATER TO PREVENT SOFTENING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DETRINENTAL TO STABILITY OF SUBGRACES AND FOUNDATIONS. A. DO NOT BACKFUL UNTIL REQUIRED INSPECTIONS ARE MADE AND TESTS ARE PERFORMED FOR THE SPECIFIC UTILITY.

BACKFILL WITH THE EXCAVATED MATERIALS SPECIFIED FOR BACKFILLING, CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND AND GRAVEL OR OTHER MATERIALS, FREE FROM LARGE CLOSS OF EARTH OR STONES. C. DO NOT USE BROKEN CONCRETE AS BACKFILL MATERIALS. D. DO NOT BACKFILL IN FREEZING WEATHER OR WITH FROZEN MATERIAL

ADJET THE MOISTURE CONTENT OF THE BADDILL MATERIAL P. REQUIRED FOR PROPER COMPACTION.
REOPEN MY TRENCHES INPROPERLY BADDILLE, OR WHERE SETTLEMENT COCURS, TO THE DEPTH REQUIRED FOR PROPER
COMPACTOR, SETLE AND COMPACT TO SPECIFED DEPTH. G COMMON TRANSPORT FOR STRUCTURES TO THE SPECIFIED DENSITY

DURING THE BACKPILLING OF EACH EXTERIOR UNDERGROUND CONDUIT SYSTEM, INSTALL CONTINUOUS UNDERGROUND TYPE PLASTIC LINE MARKERS. ASTIC LINE MAYKERS.

(COATE MAYKERS DRECTLY OVER THE BURIED CONDUIT AT 12 INCHES TO 18 INCHES BELOW FINSHED GRADE.

HHERE MALTINE SWALL CONDUITS ARE BURIED IN COMMON TRENCHES AND DO NOT EXCEED AN OVERALL TRENCH WIDTH OF 18

NOVES, INSTALL A SWIGL LINE MAYCEN.

DEPOSIT SUITABLE BACKFILL INATERIAL AROUND THE CONDUIT IN GRINCH LAYERS AND THOROUGHLY COMPACT BY HAND, MACHINE TAMPER, OR OTHER SUITABLE EQUIPMENT.

BACKFILL TO AT LEAST SO PERCENT OF MAXIMUM DENSITY AT OPTIMUM MOSTURE CONTENT DETERMINED BY ASTM D080 UNTIL THE CONDUCT HAS A MINIMUM COVER OF 2 PEET.

K. THE MOSTURE CONTENT OF THE SOLLAT TIME OF COMPACTION SHALL BE NOT MORE THAN 3 PERCENT ABOVE OR 3 PERCENT BELOW THE OPTIMUM. I RECARED INOT TO DISTURB THE CONDUCT CARRY BACKFILLING ON SMULTANEOUSLY ON BOTH SIDES OF THE CONDUIT TO ELIMINATE THE POSSIBILITY OF LATERAL DISPLACEMENT.

3.10 WORK IN EXISTING BUILDINGS EXECUTE WORK IN THE EXISTING BUILDING INDICATED ON THE DRAWINGS OR SPECIFED HEREIN, WITH A MINIMUM AMOUNT OF INTERFERENCE WITH THE NORMAL ACTIVITIES OF THE OCCUPANTS OF THE BUILDING.

B. SCHEDULE WORK IN ADVANCE WITH THE OWNER AND PROCEED ONLY WITH THE OWNER'S WRITTEN APPROVAL

UTLINES

1. DO NOT ATTERUPT UTLINES MITHOUT THE COMBERS PROCE MERITIAN APPROVAL REGARDING THE TABLAND DURATION OF DURATION OF THE MERITIAN APPROVAL REGARDING THE TABLAND DURATION OF DURATION OF THE MERITIAN APPROVAL REGARDING THE THE TABLAND EXCEPT FROM SOCIAL OF MERITIAN APPROVAL OF THE REGARD OF MERITIAND ON MOST ARE NECESSARY FOR THE PERFORMANCE OF THE NEW MORK AND WHICH ARE OPPOSITED FOR THE COMES.

STORM WATER MAY BE TEMPORABLY DIVERTED TO SURFACE DRAINAGE PROVIDED SUCH DRAINAGE IS ARRANGED TO PREVENT FLOODING OF STRUCTURES, BASEMENTS AND EXCAVATIONS FOR CONSTRUCTION.

NUST OFERSTIONS.

I. SCHEDULE NOISY OPERATIONS, SUCH AS THOSE INVOLVING USE OF AIR HAMMERS, ETC., IN DEMOLITION OR CUTTING OF OPERATIONS, WITH THE OWNER.

THE DWINER WILL CONTINUE TO OCCUPY THE BUILDING AND CARRY ON NORMAL ACTIVITY.
PROTECT THE OCCUPIED AREAS FROM DUST, SMOKE, ETC., BY A METHOD REVIEWED BY THE ENGINEER.

OWNER'S RIGHT TO DIRECT WORK: THE OWNER SHALL HAVE THE RIGHT TO DIRECT THE PLACES OF BEGINNING WORK, ITS PROSEQUITION, AND THE MANNER IN WHICH ALL WORK UNDER THIS CONTRACT IS TO BE CONDUCTED, INSOFAR AS MAY BE INCESSANT TO SECURE THE SAFE AND PHOPPER PRODRESS AND GUALITY OF THE WORK.

REMOVE OR RELOCATE, AS REQUIRED, OR AS DIRECTED BY THE ENGINEER, EXISTING CONDUIT OR ELECTRICAL EQUIPMENT WHICH WOULD INTERFERE WITH THE PROPER INSTALLATION OF NEW WORK. MODEY EXISTING WORK IN CONFORMANCE WITH THESE SPECIFICATIONS.
 USE THE SAME MATERIALS AS FOR NEW WORK UNLESS OTHERWISE SPECIFIED.

3.11 DEMOLITION AND REMODEL
A. PROTECT EXISTING ELECTRICAL EQUIPMENT AND INSTALLATIONS INDICATED TO REMAIN

 If DAMAGED OR DISTURBED IN THE COURSE OF THE WORK, REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL CAPACITY, QUALITY, AND PUNCTIONALITY. REMOVE DEMOLISHED MATERIAL FROM PROJECT SITE.

D. WHERE EXISTING SITE LIGHTING FIXTURES ARE REMOVED, VERIFY THE ROUTING OF EXISTING CIRCUITS. MAINTAIN CIRCUIT CONTINUITY BETWEEN EXISTING FIXTURES WHICH RIMAIN.

E. VERIFY EXISTING CONDITIONS IN FIELD PRIOR TO BID DATE
3.12 FIELD QUALITY CONTROL A. INSPECT INSTALLED COMPONENTS FOR DAMAGE AND FAULTY WORK. REPAIR AS NECESSARY. 3.13 CLEANING AND PROTECTION

REMOVE BLOOKS CHEET DAINT SPOTS AND CONSTRUCTION DEBOIS FROM ELECTRICAL LITEUS B. PROTECT ELECTRICAL ITEMS SO THAT FINSHES ARE WITHOUT DAMAGE OR DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION. END OF SECTION

SECTION 26 0519 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

1.1 SECTION INCLUDES

SINGLE CONDUCTOR BUILDING WIR

1.2 ADMINISTRATIVE REQUIREMENTS A. COORDINATION

CONDITIONAL SIZES OF RACEDIAYS, BOXES, AND EQUIPMENT ENCLOSURES NETALLED UNDER OTHER SECTIONS WITH THE ACTUAL CONDUCTIONS TORE NETALLED, INCLUDION DUDISTIENTS FOR CONDUCTION SIZES NOTIFICED FOR VICI. TAILED UNDER CONDUCTION SIZES NOTIFICATION FOR VICI. TAILED UNDER OTHER SECTIONS OF PROVIDE TERMINATIONS SIZES FOR USE WITH HE CONDUCTIONS TO SE INSTALLED. ONE OTHER SECTIONS OF PROVIDE TERMINATIONS SIZES FOR USE WITH HE CONDUCTIONS TO SE INSTALLED. ONE OTHER SECTIONS OF PROVIDE SECTIONS OF PROVIDED SECTIONS SECTIONS OF PROVIDED SE

2.1 CONDUCTOR AND CABLE GENERAL REQUIREMENTS

A PROVIDE PRODUCTS THAT COMPLY WITH REQUIREMENTS OF NPPA 70. PROVIDE PRODUCTS LISTED, CLASSIFIED, AND LABELED AS SUITABLE FOR THE PURPOSE INTENDED

C. UNLESS SPECIFICALLY INDICATED TO BE EXCLUDED, PROVIDE ALL PEQUIPED CONDUIT, BOXES, WIRING, CONNECTORS, ETC. AS REQUIRED FOR A COMPLETE OPERATING SYSTEM.

D. THERMOPLASTIC INSULATED CONDUCTORS AND CABLES: LISTED AND LABELED AS COMPLYING WITH U. B.

PROVIDE COPPER CONDUCTORS ONLY. ALLUMINUM CONDUCTORS ARE NOT ACCEPTABLE FOR THIS PROJECT, CONDUCTOR SIZES INDICATED ARE MASED ON COPPER.

COLOR CODE CONDUCTORS AS INDICATED UNLESS OTHERWISE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. MAINTAIN CONSISTENT COLOR CODING THROUGHOUT PROJECT.

COLOR CODE: a. 200/20 V, 3 PHASE, 4 WIRE SYSTEM: 1) PHASE A: BLACK.

1) PHASE K. BLACK.
2) PHASE F. RED.
3) PHASE C. BUE
4) NEUTRALISPOUNDED. WHITE.
b. EQUIPMENT GROUND, ALL SYSTEMS. GREEN.
2.2. SINGLE CONDUCTOR BUILDING WIRE. A DESCRIPTION: SINGLE CONDUCTOR INSULATED WIRE.

B. CONDUCTOR STRANDING: FEEDERS AND BRANCH CIRCUITS: SIZE 10 AWG AND SMALLER: SOLID OR STRANDED.
 SIZE 8 AWG AND LARGER: STRANDED.

INSULATION VOLTAGE RATING: 600 V. D. INSULATION:

INSULATION:

1. COPPER BUILDING WIRE: TYPE THEN/TH/MN, THEN/TH/MN-2, OR XHH/M-2, EXCEPT AS INDICATED BELOW.

a. INSTALLED UNDERGROUND: TYPE XHH/M-2 OR THEN/TH/MN-2. 2.3 WIRING CONNECTORS

A WIRING CONNECTORS FOR SPLICES AND TAPS COPPER CONDUCTORS SIZE & AWG AND SMALLER: USE TWIST-ON INSULATED SPRING CONNECTORS.
 COPPER CONDUCTORS SIZE & AWG AND LARGER: USE MECHANICAL CONNECTORS OR COMPRESSION CONNECTORS.

WIRING CONNECTORS FOR TERMINATIONS:

PART 3 EXECUTION

VERIFY THAT WORK LIKELY TO DAMAGE WIRE AND CABLE HAS BEEN COMPLETED. C. VERIFY THAT FIELD MEASUREMENTS ARE AS INDICATED.

D. VERIFY THAT CONDITIONS ARE SATISFACTORY FOR INSTALLATION PRIOR TO STARTING WORK. A CLEAN PACEWAYS THOROUGHLY TO REMOVE FOREIGN MATERIALS BEFORE INSTALLING CONDUCTORS AND CABLES

3.3 INSTALLATION CIRCUITING REQUIREMENTS:
 WHEN CROUT DESTINATION IS NOTCHED WITHOUT SPECIFIC ROUTING, DETERMINE EXACT ROUTING REQUIRED.
 ARRANGE BRINGHT GROUTING TO MININGE SPLICES.

SINULATION REPORTED CARES TO CARLES TOGETHER INTO RACEIVAY AT SAME TIME.

DO NOT DIAMAGE CONDUCTORS AND CABLES OR EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM PULLING TENSION AND

SIEVALL PRESSURE. INSTALL CONDUCTORS WITH A MINIMUM OF 6 INCHES OF SLACK AT EACH OUTLET.

 UNLESS SPECIFICALLY INDICATED TO BE EXCLUDED, PROVIDE FINAL CONNECTIONS TO ALL EQUIPMENT AND DEVICES, INCLUDING THOSE FURNISHED BY OTHERS, AS REQUIRED FOR A COMPLETE OPERATING SYSTEM. END OF SECTION

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EGA221022C ġ

PROJECT NO

GRIFFIN & ASSOCIATES

3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

 ENGINEERING PLANNING LAND SURVEYING

CHURCH 93RD STREET A, NEBRASKA LUTHERAN THY'S LU 510 N. 93 OMAHA, TIMOTHY

DATE: 11-08-2024 DRAWN BY: GJH CHECKED BY: JJW

ST.



SHEET NO.

E2.0

#### ELECTRICAL SPECIFICATIONS 4. PROVIDE FORES CUTING BACGUET TO BETTAN PROGRAMMES AND MAKENIACIOUX. 5. MANAL DORBREC. COPINELS OF OFFICING CORREST SERVEL BITCH PROMINENTLY NOT TEMPOWERLY LYBEL REXT. 6. MANUE ARRAY VIA. COME. A RESOLUTION OF THE PROPRISES. 7. CHITTER WINTO COMPLICATION AND RESOLUTION OF TO CONTROL THE LOSS PROGRAMMES. 6. CHITCH TWINTO CONTROL MINIORS. A RESOLUTION OF TO CONTROL THOS AND A RESOLUTION OF THE LOSS PROGRAMMES. SECTION 26 0626 B. PULL STRINGS: USE NYLON CORD WITH AVERAGE BREAKING STRENGTH OF NOT LESS THAN 200 POUND-FORCE. PART 1 GENERAL 3.1 INSTALLATION 1.1 SECTION INCLUDES A. CONDUIT ROUTING UNLESS DIMENSIONED, CONDUIT ROUTING INDICATED IS DIAGRAMMATIC UNISSO MEMORIONIC CONCUT RECOVER DE CONCUTE CONTRO DE CONCUTE CONTRO DE CONCUTE CONTRO RECURSO DE CONCUTE CONTRO RECURSO DE CONCUTE OURODATION CONTINUES. STREET CONSISTENCY OF PROTOGRADING AND COMPATIBLE CONTINUE MODILES AND POWER ASSISTED CONTINUES. AND POWER TO ANALYSIS AND POWER TO ANALYSIS AND PROTOGRADIO TO THE PROTOGRADIO TH C. CONNECTORS FOR GROUNDING AND BONDING. D. GROUND ROD ELECTRODES. PART 2 PRODUCTS EXTENDED ROWNER FORCITY SOUTH CONDUITS ADJACENT TO LOUISE. PURP OF DEPETTANA, DORE CONDUITS BENEATH PAVED AREAS OTHERWISE, SANDOUT AND REMOVE PARENDER. THE PAVED AREAS CONTENTING, SANDOUT AND REMOVE PARENDER. THE PAVED AREAS CONCEINED TO PREVENT MOSTURE TRAPS, PROVIDE DRAWN HTTINGS AT LOW POINTS AND AT SEALING HTTINGS WHERE MOSTURE MAY COLLECT. 2.1 GROUNDING AND BONDING REQUIREMENTS DO NOT USE PRODUCTS FOR APPLICATIONS OTHER THAN AS PERMITTED BY MEPA TO AND PRODUCT USTIN UNLESS SPECIFICALLY INDICATED TO BE EXCLUDED, PROVIDE ALL REQUIRED COMPONENTS, CONDUCTORS, COMMECTORS, CONDUCT BOXES, FITTINGS, SUPPORTS, ACCESSORIES, ETC. AS NECESSARY FOR A COMPLETE GROUNDING AND BONDING SYSTEM. FAILURE MODE: FAILS TO THE ON POSITION. LOAD RATING: AS REQUIRED TO CONTROL THE LOAD INDICATED ON THE DR CONNECTIONS AND TERMINATIONS: USE SUITABLE ADAPTERS WHERE REQUIRED TO TRANSITION FROM ONE TYPE OF CONDUIT TO ANOTHER. C. WHERE CONDUCTOR SIZE IS NOT INDICATED, SIZE TO COMPLY WITH NFPA 70 BUT NOT LESS THAN APPLICABLE MINIMUM SIZE REQUIREMENTS SPECIFIED. 2.4 LIGHTING CONTACTORS C. PENETRATIONS: D. BONDING AND EQUIPMENT GROUNDING DO NOT PENETRATE OR OTHERWISE NOTCH OR CUT STRUCTURAL MEMBERS, INCLUDING FOOTINGS AND GRADE BEAMS, WITHOUT APPROVAL OF STRUCTURAL ENGINEER. PROVIDE DUCKNISH OVER CHAPMENT OF COLUMNO CONCULTORS, EQUIPMENT GOOD OR DESIGNED, SETTLE PERSONET IN PROVIDE DUCKNISH OF COLUMNO CONCULTORS EQUIPMENT GOOD OR DESIGNED OR COLUMNO CONCULTORS SETTLE COLUMNO CONCULTOR SETTLE NUFACTURERS ABOVE: NUMICIONOUSTRIAL COMMINIE EATON CORPORATION: NUMI EATON.COMUNIE EATON CORPORATION: NUMI EATON.COMUNIE EATON CORPORATION: SUMME DEVOCUTE: NUMI SCHMEIDER ELECTRIC UNINS ENEMENS ROUSTRY, NIC.; WINVI USA SEMENS COMINIELE. MAKE PRINTINGNS PERPRINCULAR TO SURFACES UNLESS OTHERWISE INDICATED. SEAL INTERIOR OF CONDUITS ENTERING THE BUILDING PRON UNDERGROUND AT FIRST ACCESSIBLE POINT TO PREVENT ENTER OF MARKETURE AND CASHS. OF BLOST USER, AND USERS FOR ROOF-MOUNTED ECUPMENT WITHIN ASSOCIATED ECUPMENT OPENINGS AND CURBS WHERE POSSIBLE TO MINIMUZE ROOFING SYSTEM PENETRATIONS, WHERE PENETRATIONS ARE NECESSARY, SEAL AS INDICATED OR AS REQUIRED TO PRESERVE INTEGRATORY OF PROOFINGS SYSTEM MAD MANAFAN ROOF WARRANT. DESCRIPTION: MAGNETIC LIGHTING CONTACTORS COMPLYING WITH HEMALICS 2, AND LISTED AND LABELED AS COMPLYING WITH UL. (MSH-4: AND LL, 00SH-4: IN NACCOMBINATION TYPE UNLESS OTHERWISE INDICATED. PAITINGS, CONFIGURATIONS AND FEATURES AS INDICATED ON THE DISVANCES. ANJALIANS AS SIGLE STEEMEN INSCRIMENT SCHOOL CONTROL OF A VICTAGE ORDE, INCREASE SIZE OF EQUIPMENT GROUNDING CONDUCTOR SIZES ARE INCREASED FOR VICTAGE ORDE, INCREASE SIZE OF EQUIPMENT GROUNDING CONDUCTOR PROPRETORALLY IN ACCORDANCE WITH MEPA TO. IT TERRIANTE BRANCH CRICIT EQUIPMENT GROUNDING CONDUCTORS ON SCHOOL FOUNDED EQUIPMENT GROUND BUS ONLY, DO NOT TRIFINANTE OR MUTURE, GROUNDED OR SOULD REPORT OF SOULD BUS ONLY. D. PROVIDE PULL STRING IN ALL EMPTY CONDUITS AND IN CONDUITS WHERE CONDUCTORS AND CAGLES ARE TO BE INSTALLED BY OTHERS. LEWYE MINIMUM SLACK OF 12 NOTHERS AT EACH END. ROCATED ON THE DEWANDS. C. SHORT REQUE CARRET RATING: NO LESS THAN TOKAGE @ 1891/12FV. PROVIDE CONTACTORS WITH LISTED SHORT CHOCAT CURRENT RATING NOT LESS THAN THE AVAILABLE FALLT CURRENT AT THE MISTLED COCTON AS MORCATED ON THE CREWINGS. 2.2 GROUNDING AND BONDING COMPONENTS TOURISH AND A MATERIAL ATION OF CONCUT USE BUTHALE CAPS TO PROVICE PROTECTION FROM ENTRY OF MOSTURE AND FOREIGN MATERIAL AND CONOT REMOVE UNIT, REMOY FOR RESTAULATION OF CONDUCTORS. END OF RESTAULATION AS 6050 A. GENERAL REQUIREMENTS: D. ENCLOSURES: 1. COMPLY WITH NEWA ICS 6. PROVIDE PRODUCTS LISTED, CLASSIFIED, AND LABELED AS SUITABLE FOR THE PURPOSE INTENDED. 2. PROVIDE PRODUCTS LISTED AND LABELED AS COMPLYING WITH UL 467 WHERE APPLICABLE ENVIRONMENT TYPE PER NEMA 259: UNLESS OTHERWISE INDICATED, AS SPECIFIED FOR THE FOLLOWING INSTALLATION LOCATIONS: CONDUCTORS FOR GROUNDING AND BONDING, IN ADDITION TO REQUIREMENTS OF SECTION 26 0526: USE INSULATED COPPER CONDUCTORS UNLESS OTHERWISE INDICATED. S. OUTDOOR DAMP LOCATION RATED. IDENTIFICATION FOR ELECTRICAL SYSTEMS C. CONNECTORS FOR GROUNDING AND BONDING: PART 3 EXECUTION CONNECTORS FOR REPORTED AND EXCENSIVE FOR THE APPLICATION AND BUTBLE FOR THE CONDUCTIONS AND TIBES TO BE CONNECTED LISTED AND LIBES AND COME THAN LISTED AND STATES FOR THE CONNECTIONS AND TIBES TO BE CONNECTED LISTED AND LIBES AND COME THAN LISTED AND CONNECTIONS OF IN-APPRESSIVE CONFERENCE CONFECTIONS FOR ADDITIONAL CONCENTRAL AND AND THE ADDITIONAL CONFERENCE AND CONNECTIONS FOR ADDITIONAL CONFERENCE AND ADDITIONAL CONNECTIONS FOR ADDITIONAL CONNECTIONS. 1.1 SECTION INCLUDES A FLECTRICAL IDENTIFICATION REQUIREMENTS B. INSTALL LIGHTING CONTROL DEVICES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PART 2 PRODUCTS UNLESS OTHERWISE INDICATED, CONNECT LIGHTING CONTROL DEVICE GROUNDING TERMINAL OR C EQUIPMENT GROUNDING CONDUCTOR AND TO DUTLET BOX WITH BONDING JUNIFER. USE EXCTHERMIC WELDED CONNECTIONS OR HIGH-PRESSURE COMPRESSION CONNECTIONS FOR CONNECTIONS TO NETAL BILLDING FRAME. A IDENTIFICATION REQUIRED. 1. USE OPINIFICATION MAREFAITE TO DENTIFY ELECTRICAL EQUIPMENT. a. THE SENTIFY ELOCAS) SERVED. b. DECLESSED CONTACTORS. 1. DENTIFY LOADS) SERVED. 1. DENTIFY LOADS) SERVED. D. INSTALL LIGHTING CONTROL DEVICES PLUMB AND LEVEL, AND HELD SECURELY IN PLACE. WETAL BULDING FRAME MANUFACTURERS - HORP PRESSURE COMPRESSION CONNECTORS: B. BURBOY: WWW.SURMOY.COM, HYDROUND SYSTEM THOMAS & BETTS: WWW.THS.COM. E OUTDOOR BHOTO CONTROL I OCATIONS OFFICER PROTO CONTINCE, LOCATIONS: WHERE POSSEES, LOCATE CUTTOCORPHOTO CONTROLS WITH PROTO SERSOR FACING MORTH, F NORTH FACING PHOTO SERSOR IS NOT POSSELE, INSTALL, WITH PHOTO SERSOR FACING EAST, WEST, OR DOWN. LOCATE CUTTOCORPHOTO CONTROLS SO THAT PHOTO SERSOR OR NOT FACE ARTHFOLM, LIGHT SOLIRGES, INCLIDING LIGHT SOLRICES, CONTROLLED BY THE PHOTO CONTROL TISELF. GROUND ROD ELECTRODES: 1. COMPLY WITH NEMA OR 1. 2. MATERIAL: COPPER-SONDED (COPPER-CLAD) STEEL 3. SIZE: SI4 INCH DIAMETER BY 10 FEET LENGTH, UNLES F. INSTALL OUTDOOR PHOTO CONTROLS SO THAT CONNECTIONS ARE WEATHERPROOF, DO NOT INSTALL PHOTO CONTROLS WITH CONDUCT STEM FACING UP IN ORDER TO PREVENT INFILTRATION OF WATER INTO THE PHOTO CONTROL. B. IDENTIFICATION FOR RACEWAYS: 1. USE UNDERGROUND WARNING TAPE TO IDENTIFY UNDERGROUND RACEWAYS. 3.2 SYSTEM STARTUP AND PROGRAMMING C. IDENTIFICATION FOR BOXES: USE HANDWRITTEN TEXT USING INDELIBLE MARKER TO IDENTIFY CIRCUITS ENCLOSED. A. FOR EXPOSED BOXES IN PUBLIC AREAS, PROVIDE IDENTIFICATION ON INSIDE FACE OF COVER. PART 3 EXECUTION A. COORDINATE SYSTEM PROGRAMMING AND DEVICE ENGRAVING WITH OWNER. B. PROVIDE FACTORY STARTUP AND PROGRAMMING OF SYSTEM. PROGRAM ACCORDING TO OWNER'S REQUIREMENTS. BND OF SECTION A. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS 22 IDENTIFICATION NAMEPLATES AND LABELS B. PERFORM WORK IN ACCORDANCE WITH NECA 1 (GENERAL WORKMANSHIP). IDENTIFICATION NAMEPLATES: 1. MATERIALS: GROUND ROD ELECTRODES: UNLESS OTHERWISE RIDICATED, INSTALL GROUND ROD ELECTRODES VERTICALLY, WHERE ENCOUNTERED ROCK PROHIBITS VERTICAL WISTALLATION, INSTALLATION, PARTALL AT 45 DEGREE AVAILE OR BURY-HORIZONTALLY IN TRENCH AT LEAST 30 MINOSER PAR ADOLORDANCE WITH HEAPT 30 REPOVICE GROUND PLATES. INDOOR CLEAN, DRY LOCATIONS: USE PLASTIC NAMEPLATES DART 1 GENERAL 2. PLASTIC MAREPLATES: TWO LATER OR THREE LATER CHARLES ACKYLLD OR ELECTRICALLY NON-CONDUCTIVE PHENOLIC WITH BEYLLD BOOKS MINIUM THOOMESS OF YIS MCY ENGOVED TEXT. 3. COLOR: WHITE TEXT OR LACK REACKER/SOLOR. 1.1 SECTION INCLUDES OUTDOOR INSTALLATIONS: UNLESS OTHERWISE INDICATED, INSTALL WITH TOP OF ROD 6 INCHES BELOW FINISHED GRADE. MOVEMENT CONTINUES OF THE CONTINUES A EXTERIOR LUMINAIRES. B. POLES AND ACCESSORIES. MATERIALS: USE FOIL-BACKED DETECTABLE TYPE POLYETHYLENE TAPE SLITABLE FOR DIRECT BURIAL, UNLESS OTHERWISE INDICATED. COORDINATE PUZZINETT OF POLES AND ASSOCIATED FOUNDATIONS WITH UTLITIES, CURBS, SIDENVLKS, TREES, WALLS, FRACES, STRIPMS, ETC. NOTALED UNDER OTHER SECTIONS OR BY OTHERS, COORDINATE ELEVATION TO OBTION SPECIFED FOUNDATION HEBET. EXCTHERNIC WELDS: MAKE CONNECTIONS USING MOLES AND WELD MATERIAL SUITABLE FOR THE ITEMS TO BE CONNECTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. B. FOIL-BACKED DETECTABLE TYPE TAPE: 3 INCHES WIDE, WITH MINIMUM THICKNESS OF 5 ML, UNLESS OTHERWISE REQUIRED FOR PROPER DETECTION. ROING TO MANUFACTURIER'S RECOVERINDED TORQUE SETTINGS. 5. COMPRESSION CONNECTORS: SECURE CONNECTIONS USING MANUFACTURERS RECOMMENDED TOOLS AND DIES C. LEGEND: TYPE OF SERVICE, CONTINUOUSLY REPEATED OVER FULL LENGTH OF TAPE. NOTIFY ENGINEER OF MAY CONFLICTS OR DEVIATIONS FROM CONTRACT DOCUMENTS TO OBTAIN DIRECTION PRIOR TO PROCEEDING WITH WORK. SECTION 26 0529 TAPE FOR BURIED POWER LINES: BLACK TEXT ON RED BACKGROUND. 1.3 SUBMITTALS LIMINARE CONSTRUCTION, DIVENSIONS, RATINGS, FINSHES, MOUNTING REQUIREMENTS, LISTINGS, SERVICE CONDITIONS. PHOTOMETRIC PERFORMANCE, REGIRT PRECTITIE PROJECTION FACILITIES AREA (EPIA), MAD INSTALLED ACCESSORIES; INCLUDE MODEL NUMBER NORMACA LITTRE CLEAR A WARRED WITH A PHOPOGRED FRATURES. 3.1 INSTALLATION INSTALL DRODUCTS IN ACCORDANCE WITH MANUFACTURED'S INSTRUCTIONS INSTALL IDENTIFICATION PRODUCTS TO BE PLANLY YISIBLE FOR EXAMINATION, ADJUSTMENT, SERVICING, AND MAINTENANCE, UNLESS OTHERWISE INDICATED, LOCATE PRODUCTS AS POLICIONS. A. PROVIDE MINIMUM FIVE YEAR MANUFACTURER WARRANTY FOR ALL LED LUMINAIRES, INCLUDING DRIVERS. SURFACE-MOUNTED EQUIPMENT: ENCLOSURE FRONT. BOXES: OUTSIDE FACE OF COVER. B. PROVIDE MINIMUM THREE YEAR MANUFACTURER WARRANTY FOR POLE FINISH ADHESION AND CORROSION 1.1 SECTION INCLUDES INSTALL IDENTIFICATION PRODUCTS CENTERED, LEVEL, AND PARALLEL WITH LINES OF ITEM BEING IDENTIFIED. PART 2 PRODUCTS A ELECTRICAL METALLIC TUBING (EMT. BIGID POLYVINYI, CHI GIRDE (PVC) CONDUI D. SECURE NAMEPLATES TO EXTERIOR SURFACES OF ENCLOSURES USING STANLESS STEEL SCREWS OR SELF-ADHESIVE BACKING AND TO INTERIOR SURFACES USING SELF-ADHESIVE BACKING. 2.1 LUMINAIRE TYPES C. CONDUIT FITTINGS. D. ACCESSORIES. FURNISH PRODUCTS AS INDICATED IN SCHEDULE INCLUDED ON THE DRAWINGS E INSTALL SELF-ACHESIVE LABELS AND MARKERS TO ACHEVE MAXIMUM ADHESION, WITH NO BUBBLES OR WIRINGLES AND EDGES PROPERLY SEALED. FORMAT PRODUCTS AS INDICATED IN SCHEDULE INCCODED ON THE DR LUMINAIRES A PROVIDE PRODUCTS THAT COMPLY WITH REQUIREMENTS OF NFPA 70. 1.2 AOMINISTRATIVE REQUIREMENTS F. INSTALL UNDERGROUND WARNING TAPE ABOVE BURIED LINES WITH ONE TAPE PER TRENCHAT 6 INCHES BELOW FINISHED GRADI A COORDINATION B. PROVIDE PRODUCTS THAT ARE LISTED AND LABELED AS COMPLYING WITH UL 1598, WHERE APPLICABLE. COMMUNITARY 1. COORDINATE WINNIUM SZES OF CONDUITS WITH THE ACTUM, CONDUCTORS TO BE INSTALLED, INCLUDING ADJUSTMENTS FOR CONDUCTOR SIZES INVESSES FOR INCLUDING PROPERTY FOR CONDUCTOR SIZES INVESSES FOR INCLUDING PROPERTY FOR CONDUCTOR SIZES INVESSES FOR SIZES INVESSES FOR SIZES FOR SI C. PROVIDE PRODUCTS LISTED, CLASSIFIED, AND LABELED AS SUITABLE FOR THE PURPOSE INTENDED. UNLESS OTHERWISE INDICATED, PROVIDE LUMINARIES INCLUDING LAMP(S) AND ALL SOCKETS, BALLASTS DRIVERS. REFLECTOR: LEWISS, HOUSINGS, WIRING AND OTHER APPLICITMANCES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. LIGHTING CONTROLS E. UNLESS SPECIFICALLY INDICATED TO BE EXCLUDED, PROVIDE ALL REQUIRED CONDUIT, BOXES, WIRING, CONNECTORS, HARDWARE, POLES, FOUNDATIONS, SUPPORTS, TRIMS, ACCESSORIES, ETC. AS NECESSARY FOR A COMPLETE OPERATING SYSTEM. 1.1 SECTION INCLUDES F. PROVIDE PRODUCTS SUITABLE TO WITHSTAND NORMAL HANDLING, INSTALLATION, AND SERVICE WITHOUT ANY DAMAGE, DISTORTION, CORROSION, FADRIC, DISCOLORING, ETC. A. TIME SWITCHES. A DO NOT USE CONDUIT AND ASSOCIATED FITTINGS FOR APPLICATIONS OTHER THAN AS PERMITTED BY MEPA 75 AND PRODUCT LISTING B OUTDOOR BLOTO CONTROLS G. PROVIDE LIMINARES LISTED AND LABELED AS SUITABLE FOR WET LOCATIONS UNLESS OTHERWISE INDICATED. OUTDOOR UNDERGROUND INSTALLATIONS: UNLESS OTHERWISE INDICATED, USE RIGID NON-METALLIC CONDUIT 12 SUBMITTALS OUTDOOR LOCATIONS ABOVE GRADE: USE ELECTRICAL METALLIC TUBING. A ALL POLES PRODUCT DATA: INCLUDE RATINGS, CONFIGURATIONS, STANDARD WRING DIAGRAMS, DIMENSIONS, COLORS, SERVICE CONDITION REQUIREMENTS, AND INSTALLED FEATURES OF PRODUCTS BEING PROVIDED. PROVIDE POLES AND ASSOCIATED SUPPORT COMPONENTS SUITABLE FOR THE LUWINARIES) AND ASSOCIATED SUPPORTS AND ACCESSORIES TO BE INSTALLED. D. IN SLAB ABOVE GRADE OR BENEATH SLAB-ON-GRADE: 1. USE RIGID NON-METALLIC CONDUIT. OPERATION AND MAINTENANCE DATA: SUBMIT WITHIN 56 DAYS OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY, INCLUDE THE FOLLOWING: 2. STRUCTURAL DESIGN CRITERI COMPLY WITH ASSITO LTS. WIND LOAD. INCLUDE EFFECTIVE PROJECTED AREA (EPA) OF LUWINAIRE(S) AND ASSOCIATED SUPPORTS AND ACCESSIONES TO BE INSTALLED. NAME AND ADDRESS OF NOT LESS THAN ONE SERVICE AGENCY FOR INSTALLED EQUIPMENT. NARRATIVE OF HOW BUCH SYSTEM IS INTENDED TO OFFERTE, INCLUDING RECOMMENDED SETPOINTS. SUBMITTAL DATA POLICATIVIS ALL SELECTED OPTIONS FOR EACH PEDE OF LIGHTING CONTROL EQUIPMENT AND LIGHTING CONTROLS. 2.2 CONDUIT REQUIREMENTS ACCESSORIES TO BE INSTALLED. DESIGN WIND SPEED: BASED ON CURRENT AASHTO WIND SPEED MAP FOR THE PROLECT LOCATION, WITH BUST FACTOR OF 1.3. DEFOLOUR. THOUSE WEIGHT OF PROPOSED LUMPHARESH MAP ASSOCIATED SUPPORTS AND ACCESSORIES. A. PROVIDE ALL CONDUIT, FITTINGS, SUPPORTS, AND ACCESSORIES REQUIRED FOR A COMPLETE RACEWAY SYSTEM. CANTIFICAS. 4. MANUAL FOR EACH PIECE OF LIGHTING CONTROL EQUIPMENT INDICATING REQUIRED ROUTING MAINTENANCE ACTIONS AND CLEANING. B DROVING DROOK HTTS LISTED OF ASSISTED AND LABELED AS SUITABLE DOD THE DURDOSE INTENDED MINIMUM CONDUIT SIZE, UNLESS OTHERWISE INDICATED: MINIMUM CONDUIT SIZE, UNLESS OTHERWISE INDICATED: BRANCH CIRCUIT HOMERUNS: 34 INCH (21 MM) TRADE SIZE. UNDERGROUND, EXTERIOR: 1 INCH IZ7 MM TRADE SIZE. INISH: MATCH LUMINAIRE FINISH, UNLESS OTHERWISE INDICATED. 3. FARSH MATCH LANNING FRANCI LUSS ON REWISE ROCKTOD. WASHATIN SHATEL LOOK CONCERT FROMOTION FERT AS RECARD ON THE DRAWNOS, INJESS OTHERWISE ROCKTED. WASSON DERWISE ROCKTED, PROVIDE WITH THE FOLLOWING FRATURES ACCESSORES: 1 TOP CIP. 3. INFORMAT. A TOP CIP. 3. INFORMAT. 5. SCHEDULE FOR INSPECTING AND RECALIBRATING LIGHTING CONTROLS. WHERE CONDUIT SIZE IS NOT INDICATED, SIZE TO COMPLY WITHIN PPA 70 BUT NOT LESS THAN APPLICABLE MINIMUM SIZE REQUIREMENTS SPECIFIED. 2.3 ELECTRICAL METALLIC TUBING JEMTI 2.1 LIGHTING CONTROL SYSTEM - GENERAL REQUIREMENTS ANCHOR BASE COVER A. DESCRIPTION: NPPA 79, TYPE BIT STEEL ELECTRICAL INETALLIC TUSING COMPLYING WITH ANSI CS0.3 AND LISTED AND LABELED AS COMPLYING WITH ULTST. A. PROVIDE SYSTEM CONSISTING OF WIRED COMPONENTS. B. METAL BOLCO, DROVING GROUND LIKE ACCESSIBLE FROM HANDING C B. PROVIDE PRODUCTS LISTED, CLASSIFIED, AND LABELED AS SUITABLE FOR THE PURPOSE INTENDED. A MASS SECRETALLY MONATCH TO BE EXCLUDED FROM THE FURPOSE NITRINGED. WHAS SERVING ALCASIVE MONATCH TO BE EXCLUDED FROM THE FURPOSE ORDINITY MONATCHING CONNECTIONS, HARDWARE, COMPONENTS, ACCESSORIES, ETC. AS REQUIRED FOR A COMPLETE OPERATING SYSTEM COMPATIBLE WITH CONTROLLED LIMINARIES. PART 1 EXECUTION TIMOS DESCRIPTION: FITTINGS COMPLYING WITH NEWARS I AND LISTED AND LIBELED AS COMPLYING WITH ULSI HE. MATERIAL: USE STEEL MALLEAGUE FROM, OR DE CAST ZINC. CONNECTORS AND COUPLINGS. USE COMPRESSION (GLAND) OR SET-SCREW TYPE. A DO NOTUSE REDETINES TYPE CONNECTORS AND COUPLINGS. 3.1 INSTALLATION A INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. A ROBALY-MONOUS HIS MACKANE BIT INTROMATION OF STREET STREET, CHARLES AS ROBALTONIA. 1. FORMATION MACKATE STREET, CHARLES AS ROBALTONIA FOR PACES AS A MANAFACTURERS 1. INTERNATIO, INC. WAYNI INTERNATIC COMMINGE. 2. TORK ADVISOR OF ISS BIOLISTICS SLIC. WAYN TORK COMMINGE. 3. SOURCE LINETATIONS FURNISH PRODUCTS PRODUCED BY A SINGLE MANUFACTURER AND GRIANED FROM A SINGLE SUPPLIER. A DESCRIPTION: NIPA 78, TYPE PVC RIGD POLYVINYL CHLORDE CONDUIT COMPLYING WITH NEMA TC2 AND USTED AND LABRLED AS COMPLYING WITH LISE SUB-ECT TO PHYSICAL DAMAGE; RATED FOR USE WITH CONDUITORS RATED DORGRESS C. ORDAL ELECTRON THE SWITCHES CECEMPRISH, SECREPAN SERVER SOLD STATE PROCRAMMANE CONTROLER WITH CO DEPAY, LISTED AND LAWELED AS PROCRAM LISTED AND LAWELED AS PROCRAM LISTED AND LAWELED AS A SHARPER TO GOT SELECTION SECRET CONNECT, WITH SAME SCARCEAS FOR EXCHANGY OF THE WIELE AND SHPA-DAY FAMILIES TO GOT SELECTION THE AND LEAF YEAR COMPRISATION. TIGHTEN MACHOR BOLT MUTS TO IMMURACTURERS RECOMMENDED TORQUE. INSTALL NON-SHRINK GROUT BETWEEN POLE ANCHOR BASE AND CONCRETE FOUNDATION, LEAVING SWALL CHANNEL FOR COMPENSATION DOWNINGS. 2.5 ACCESSORIES INSTALL ANCHOR BASE COVERS OR ANCHOR BOLT COVERS AS INDICATED. A. SOLVENT CEMENT FOR PVC CONDUIT AND FITTINGS: AS RECOMMENDED BY MANUFACTURER OF CONDUIT AND FITTINGS TO BE INSTALLED.

PROJECT NO. EGA221022C BOND LUMINAIRES, METAL ACCESSORIES, METAL POLES, AND FOUNDATION REINFORCEMENT TO BRANCH EQUIPMENT GROUNDING CONDUCTOR. INSTALL ACCESSORIES FURNISHED WITH EACH LUMINAIRE. D. BOND PRODUCTS AND METAL ACCESSORIES TO BRANCH CIRCUIT FOLIPMENT GROUNDING CONDUCTOR Š. EHRHART GRIFFIN & ASSOCIATES 3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631 ENGINEERING PLANNING LAND SURVEYING RCH CHOI LUTHERAN THY'S LU 510 N. 93 OMAHA,

> DATE: 11-08-2024 DESIGNED BY: JJW DRAWN BY: GJH

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**ALVINE** 

Engineering

CHECKED BY: JJW

TIMOTHY

ST.

93RD STREET A, NEBRASKA



SHEET NO.

E2.1

# LANDSCAPE NOTES

- LOCATE UTILITIES PRIOR TO COMMENCING LANDSCAPE OPERATIONS. TREES SHALL BE FIELD POSITIONED AS TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UTILITIES. NOTIFY LANDSCAPE ARCHITECT AND OWNER OF CONFLICTS OR OBSTRUCTIONS.
- 2. CONTRACTOR SHALL STAKE PLANTING AREAS IN THE FIELD PRIOR TO PLANTING FOR APPROVAL OF THE OWNER OR THEIR REPRESENTATIVE.
- CONTRACTOR SHALL VERIFY PLANT QUANTITIES PRIOR TO PLANTING. DISCREPANCIES WITH THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. THE PLAN QUANTITIES SHALL SUPERCEDE SCHEDULED QUANTITIES.
- PLANT MATERIAL SHALL BE SPECIMEN QUALITY AND SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI A60.1 THE 'AMERICAN STANDARD FOR NURSERY STOCK'
- PREPARE PLANTING BEDS AND INCORPORATE AMENDMENTS ACCORDING TO SPECIFICATIONS.
- DOUBLE GROUND HARDWOOD MULCH, PER SPECIFICATIONS SHALL BE USED AS A THREE INCH (3") TOP DRESSING IN PLANTING BEDS (PLANT MASSINGS) AND AROUND TREES AS SPECIFIED ON PLANS. SINGLE TREES AND SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE SAUCER
- TREES SHALL BE STAKED AND GUYED PER DETAIL AND SPECIFICATIONS
- THE LANDSCAPE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL THE SITE IS FREE OF DEBRIS CAUSED BY ON-GOING CONSTRUCTION OPERATIONS. REMOVAL OF DEBRIS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. LANDSCAPE WORK SHALL NOT BEGIN UNTIL THE LANDSCAPE ARCHITECT AND OWNER HAVE GIVEN WRITTEN APPROVAL FOR SUCH. THERE SHALL BE NO DELAYS DUE TO LACK OF COORDINATION FOR THIS ACTIVITY.
- THE LANDSCAPE ARCHITECT AND/ OR OWNER'S REPRESENTATIVE SHALL APPROVE FINE GRADING AND CONDITION OF SITE PRIOR TO SODDING AND/OR SEEDING OPERATIONS
- REFERENCE SPECIFICATION SECTION 32 91 00 AND 32 92 00 FOR MAINTENANCE AND WARRANTY REQUIREMENTS OF PLANTINGS, TREES, TURF, SOD, AND SEEDING.

## **SEEDING NOTES**

- ALL TURF AREAS DISTURBED DURING CONSTRUCTION TO BE SEEDED WITH LOW MOW GRASS SEED MIX, REFERENCE SPECIFICATION 32 91 00 FOR APPROVED TYPES. SEED AT SUPPLIERS
- ALL AREAS SEEDED WITH SLOPES 3:1 OR GREATER SHALL RECEIVE EROSION CONTROL BLANKET, NORTH AMERICAN GREEN TYPE SC-75 OR APPROVED EQUAL.

# **SOIL PREPARATION NOTES:**

- AREAS TO RECEIVE SOIL PREPARATION DEEP CULTIVATION PER SPECIFICATION SECTIONS 32 91 13 AND 32 93 00:
- 1.1. ALL AREAS DESIGNATED FOR TURFGRASS SODDING THAT WERE AREAS FOR STORAGE, STOCKPILING, OR RECEIVED HEAVY EQUIPMENT OF FOR STORAGE, STOCKHILLING, OR RECEIVED HEAVY EQUIPMENT OF REPEATED COMPACTION DUE TO MOVEMENT OF SUCH EQUIPMENT, 12-HICLES OR MATERIALS.

  1.2. ALL SHRUB AND PERENNIAL PLANTING BEDS.

  1.3. ALL TREE PLANTING AREAS.

# **GENERAL SITE NOTES**

- CONTRACTOR SHALL REVIEW CONTRACT REQUIREMENTS AND PROCEDURES OUTLINED IN THE CONTINUOUS STATE, DEVIEW COUT ROLL THE COURSEMENT SAMP PROJECTIONS OF DITMENT IN THE SPECIFICATIONS. THE WORK OUTLINED IN THE DRAWINGS AND SPECIFICATIONS SHALL BE INCORPORATED INTO THE THE CENERAL CONTRACT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS, METHODS, AND MEANS REQUIRED TO EXECUTE THE GENERAL CONTRACT AND PROVIDE A FINISHED PRODUCT.
- 2. IT IS THE INTENT OF THIS CONTRACT THAT ALL AREAS AFFECTED BY CONSTRUCTION BE A FINISHED AND COMPLETE PRODUCT. THEREFORE, CONTRACTOR SHALL PATCH, REPAIR, AND ADJUST AS REQUIRED TO ACHIEVE THIS FINISHED PRODUCT. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WORK AFFECTED OR DAMAGED BY DEMOLITION TO MATCH NEW
- LOCATE AND FLAG ALL UNDERGROUND PRIVATE AND PUBLIC UTILITIES PRIOR TO ANY CONSTRUCTION. ANY DAMAGE TO UTILITIES OR OTHER SITE IMPROVEMENTS CAUSED BY CONTRACTOR WILL BE REPAIRED AT NO COST TO THE OWNER.
- THE APPROXIMATE LOCATIONS OF KNOWN UTILITY MAINS AND SERVICE LINES (I.E. GAS, CABLE TV. TELEPHONE, POWER, WATER, SEWER) HAVE BEEN INDICATED ON THE OWNER PROVIDED DRAWINGS. HOWEVER, THE EXACT LOCATION MAY VARY FROM THE APPROXIMATE INDICATED LOCATIONS. THEREFORE, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS AND DEPTHS OF EACH UTILITY WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO START OF
- THE CONTRACTOR SHALL HIRE AND PAY FOR A PRIVATE LITHLITY LOCATOR TO PROVIDE LOCATES FOR ALL PRIVATE UTILITIES NOT IDENTIFIED BY THE UTILITY COMPANIES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING ALL EQUIPMENT OR MATERIALS TO REMAIN STORED ON SITE THROUGHOUT THE CONSTRUCTION PROCESS. THE OWNER IS NOT RESPONSIBLE FOR LOST, STOLEN, OR DAMAGED EQUIPMENT OR STORED MATERIALS LEFT ON SITE BY THE CONTRACTOR.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY.
- 8. CONTRACTOR SHALL CONTAIN ALL STAGING, STOCKPILING, AND VEHICLE MOVEMENTS WITHIN

# **LAYOUT & DIMENSION NOTES**

- DO NOT SCALE THESE DRAWINGS UNLESS NOTED. WRITTEN DATA SHALL TAKE PRECEDENCE
- ALIGNMENT OF CONCRETE WALKS AND SURFACED PATH SHALL BE FIELD STAKED BY CONTRACTOR. VERIFY WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 3. DIMENSIONS INDICATED WITH A '±' SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

# **PLANT SCHEDULE**

SYMBOL

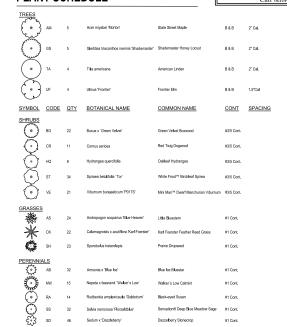
OTY

BOTANICAL NAME

Trench Edge, 04/L400.

4 722 sf Convenience Seed Mix

2.821 sf Turf Sod



COMMON NAME

Stock Seed Conservation Mix (Spring)

Drought Tolerant Fescue Blend

CONT SPACING



PROJECT NO. EGA221022C



3552 Farnam Street Omaha, Nebraska 68131 402 / 551-0631

- ENGINEERING PLANNING
- LAND SURVEYING

CHURCH LANDSCAPE NOTES

LUTHERAN 93RD STREET 4, NEBRASKA TIMOTHY'S LI 510 N. 93 OMAHA, I

DATE: 07-12-2024

ST.

DRAWN BY: JDC CHECKED BY: REF



SHEET NO. L000



