



PRELIMINARY
 FOR REVIEW ONLY
 Not for construction purposes.
 CLAYMOORE ENGINEERING
 ENGINEERING AND PLANNING CONSULTANTS
 DREW DONOSKY
 P.E. No. 125651 Date 10/3/2023

LIGHTHOUSE CHURCH
 E. FIRST STREET
 PROSPER, TX.

FLOODPLAIN NOTE
 ACCORDING TO MAP NO. 48085C0255J, DATED 06/02/2009 OF THE NATIONAL FLOOD INSURANCE PROGRAM MAP, FLOOD INSURANCE RATE MAP OF COLLIN COUNTY, TEXAS, FEDERAL EMERGENCY MANAGEMENT AGENCY, FEDERAL INSURANCE ADMINISTRATION, THIS PROPERTY IS WITHIN NON-SHADED ZONE "X" (AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN). IF THIS SITE IS NOT WITHIN AN IDENTIFIED SPECIAL FLOOD HAZARD AREA, THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND/OR THE STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS, GREATER FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.

LEGEND

| | |
|--|-----------------------------------|
| | STANDARD DUTY CONCRETE PAVEMENT |
| | HEAVY DUTY CONCRETE PAVEMENT |
| | FIRST STREET PAVEMENT BY OTHERS |
| | DUMPSTER AREA CONCRETE PAVEMENT |
| | SIDEWALK CONCRETE PAVEMENT |
| | PROPOSED CONCRETE CURB AND GUTTER |
| | PARKING COUNT |
| | FULL-DEPTH SAWCUT |
| | PROPOSED FIRE LANE STRIPPING |
| | 2' PARKING OVERHANG |

CASE # DEVAPP-23-0173

ZONING DESCRIPTION:
 PD-90

OWNER:
 COLLIN COUNTY LIGHTHOUSE CHRISTIAN FELLOWSHIP, INC.
 4300 E. 1ST ST.
 PROSPER, TX. 75078
 PH. 972.562.2500
 JHOOK@LIGHTHOUSENTX.COM CONTACT NAME: JEFF HOOK

APPLICANT:
 CLAYMOORE ENGINEERING, INC.
 301 S. COLEMAN ST.
 PROSPER, TX 75078
 PH. 817.281.0572 CONTACT NAME: MATT MOORE

SURVEYOR:
 EAGLE SURVEYING, LLC
 210 S. ELM ST. SUITE #104
 DENTON, TX 76201
 PH. 940.222.3009 CONTACT NAME: TYLER RANK

LEGAL DESCRIPTION:
 PROPOSED BLOCK A, LOT 1 LIGHTHOUSE ADDITION

CITY: PROSPER STATE: TEXAS

COUNTY: COLLIN SURVEY: LARKIN MCCARTY ABSTRACT NO. 600

DESIGN: ASD
 DRAWN: SD
 CHECKED: ASD
 DATE: 10/3/2023

SHEET
SP-1

File No. 2022-130

SITE DATA SUMMARY

| LOT | ZONING | PROPOSED USE | LOT SIZE (ACRES) | BLDG. AREA (SQ. FT.) | BLDG. HGT. (FT) | # OF STORIES | LOT COVERAGE | | F.L.R. AREA RATIO | | PARKING | | HANDICAP SP. | | OPEN SPACE PLAN | | TOTAL IMPERVIOUS (SQ FT) | TOTAL PERVIOUS (SQ FT) | | | | | | |
|------------------|--------|--------------|------------------|----------------------|-----------------|--------------|--------------|---------|-------------------|-----------|------------|----------------------------------|--------------|------|-----------------|------|--------------------------|------------------------|-------|---------|---------|-----|---------|-----|
| | | | | | | | REQ. | PROV. | REQ. | PROV. | REQ. RATIO | TOTAL REQ. | TOTAL PROV. | REQ. | PROV. | REQ. | | | PROV. | | | | | |
| PROPOSED PHASE 1 | PD-90 | CHURCH | 4.51 | 196,456 | 12,030 | 24'-6" | 1 | 50% MAX | 6.1% | 0.5:1 MAX | 0.06 | CHURCH (1 PER 3 SEATS) 189 SEATS | 63 | 88 | 4 | 11 | 7% | 13,752 | 57% | 111,358 | 85,097 | 43% | 111,358 | 57% |
| PROPOSED PHASE 2 | PD-90 | CHURCH | 4.75 | 206,910 | 8,305 | 24'-6" | 1 | 50% MAX | 4.0% | 0.5:1 MAX | 0.04 | CHURCH (1 PER 3 SEATS) 150 SEATS | 50 | 175 | 6 | 11 | 7% | 14,484 | 63% | 129,726 | 77,184 | 37% | 129,726 | 63% |
| Total | PD-90 | CHURCH | 9.26 | 403,366 | 20,335 | 24'-6" | 1 | 50% MAX | 5.0% | 0.5:1 MAX | 0.05 | CHURCH (1 PER 3 SEATS) 339 SEATS | 113 | 263 | 7 | 11 | 7% | 28,236 | 60% | 241,085 | 162,281 | 40% | 241,085 | 60% |



- TOWN OF PROSPER SITE PLAN NOTES:
- DUMPSTERS AND TRASH COMPACTORS SHALL BE SCREENED PER THE ZONING ORDINANCE.
 - OPEN STORAGE, WHERE PERMITTED, SHALL BE SCREENED PER THE ZONING ORDINANCE.
 - OUTDOOR LIGHTING SHALL COMPLY WITH THE LIGHTING AND GLARE STANDARDS CONTAINED WITHIN THE ZONING ORDINANCE AND SUBDIVISION ORDINANCE.
 - LANDSCAPING SHALL CONFORM TO LANDSCAPE PLANS APPROVED BY THE TOWN.
 - ALL ELEVATIONS SHALL COMPLY WITH THE STANDARDS CONTAINED WITHIN THE ZONING ORDINANCE.
 - BUILDINGS OF 5,000 SQUARE FEET OR GREATER SHALL BE 100% FIRE SPRINKLED. ALTERNATIVE FIRE PROTECTION MEASURES MAY BE APPROVED BY THE FIRE DEPARTMENT.
 - OCCUPANT NOTIFICATION PER THIS SECTION AND 907.5 SHALL BE REQUIRED FOR ALL NEW CONSTRUCTION, OR EXISTING CONSTRUCTION COMPLYING WITH THE INTERNATIONAL BUILDING CODE, FOR RENOVATIONS TO EXISTING BUILDINGS, TENANT SPACES, CHANGES IN OCCUPANCY, REPLACEMENT OR MODIFICATION OF THE EXISTING FIRE ALARM SYSTEM, OR AS REQUIRED BY THE FIRE CODE OFFICIAL, FOR ALL BUILDINGS OR SPACES PROVIDED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM.
 - FIRE LANES SHALL BE DESIGNED AND CONSTRUCTED PER TOWN STANDARDS OR AS DIRECTED BY THE FIRE DEPARTMENT.
 - TWO POINTS OF ACCESS SHALL BE MAINTAINED FOR THE PROPERTY AT ALL TIMES.
 - SPEED BUMPS/HUMPS ARE NOT PERMITTED WITHIN A FIRE LANE.
 - FIRE LANES SHALL BE PROVIDED WITHIN 150 FEET OF ALL EXTERIOR WALLS OF ANY BUILDING FOR HOSE LAY REQUIREMENTS. AMENDMENT 503.1.1
 - THE FIRE LANE SHALL BE A MINIMUM OF 24 FEET WIDE. AMENDMENT 503.2.1
 - BUILDINGS MORE THAN 30 FEET IN HEIGHT ARE REQUIRED TO HAVE A MINIMUM OF A 26-FOOT WIDE FIRE LANE IN THE IMMEDIATE VICINITY FOR FIREFIGHTING OPERATIONS OF THE BUILDING. ONE OF THE 26-FOOT WIDE FIRE LANES SHALL BE LOCATED A MINIMUM OF 15 FEET FROM THE BUILDING AND NO MORE THAN 30 FEET. APPENDIX D105
 - THE INSIDE TURNING RADIUS OF THE 24-FOOT FIRE LANE SHALL BE A MINIMUM OF 30 FEET. AMENDMENT 503.2.4
 - THE INSIDE TURNING RADIUS OF THE 26-FOOT FIRE LANE SHALL BE A MINIMUM OF 30 FEET. AMENDMENT 503.2.4
 - DEAD END FIRE LANES ARE ONLY PERMITTED WITH APPROVED HAMMERHEADS.
 - FIRE HYDRANTS SHALL BE PROVIDED AT THE ENTRANCES AND INTERSECTIONS. AMENDMENT 507.5.1
 - AS PROPERTIES DEVELOP, FIRE HYDRANTS SHALL BE LOCATED AT ALL INTERSECTING STREETS AND THE MAXIMUM SPACING SHALL BE EVERY 300 FEET (300') FOR ALL DEVELOPMENTS, AND FACILITIES OTHER THAN R-3. R-3 DEVELOPMENTS SHALL BE EVERY 500 FEET (500'). DISTANCES BETWEEN HYDRANTS SHALL BE MEASURED ALONG THE ROUTE THAT FIRE HOSE IS LAID BY A FIRE APPARATUS FROM HYDRANT-TO-HYDRANT, NOT AS THE "CROW FLIES." AMENDMENT 507.5.1
 - FIRE DEPARTMENT CONNECTION (FDC) FOR THE FIRE SPRINKLER SYSTEM SHALL BE LOCATED WITHIN 50 FEET OF A FIRE HYDRANT AND 50 FEET OF A FIRE LANE. 5' STORZ, 30-DEGREE DOWNWARD TURN WITH LOCKING CAP. AMENDMENT 507.5.1
 - FIRE HYDRANTS SHALL BE LOCATED 2 FOOT (2') TO 6 FOOT (6') BACK FROM THE CURB OR FIRE LANE AND SHALL NOT BE LOCATED IN THE BULB OF A CUL-DE-SAC. AMENDMENT 507.5.1
 - THERE SHALL BE A MINIMUM OF TWO (2) FIRE HYDRANTS SERVING EACH PROPERTY WITHIN THE PRESCRIBED DISTANCES LISTED ABOVE. A MINIMUM OF ONE FIRE HYDRANT SHALL BE LOCATED ON EACH LOT. AMENDMENT 507.5.1
 - A MINIMUM 10-FOOT UNOBSTRUCTED WIDTH SHALL BE PROVIDED AROUND A BUILDING FOR ADEQUATE FIRE DEPARTMENT ABOVE. A CONTINUOUS ROW OF PARKING AND LANDSCAPING SHALL BE CONSIDERED A BARRIER. AMENDMENT 503.1.1
 - THE MAXIMUM DEAD- END CUL-DE-SAC LENGTH SHALL NOT EXCEED SIX HUNDRED FEET (600') AS MEASURED FROM THE CENTERLINE OF THE INTERSECTION STREET TO THE CENTER POINT OF THE RADIUS. AMENDMENT 503.1.5
 - ONE- AND TWO-FAMILY DWELLINGS AUTOMATIC FIRE SYSTEMS. AUTOMATIC FIRE PROTECTION SYSTEMS PER NFPA 13D OR NFPA 13R SHALL BE PROVIDED IN ALL ONE- AND TWO-FAMILY DWELLINGS WITH A CONDITIONED FLOOR AREA OF 5,500 SQUARE FEET (511 SQ) OR GREATER, DWELLINGS THREE (3) STORIES OR GREATER, OR DWELLINGS WITH ROOF HEIGHTS EXCEEDING THIRTY-FIVE FEET (35') FROM GRADE. IRC-2015 AMENDMENT R313.2
 - HANDICAPPED PARKING AREAS AND BUILDING ACCESSIBILITY SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT (ADA) AND WITH THE REQUIREMENTS OF THE CURRENT, ADOPTED BUILDING CODE.
 - ALL SIGNAGE IS SUBJECT TO BUILDING OFFICIAL APPROVAL.
 - ALL FENCES AND RETAINING WALLS SHALL BE SHOWN ON THE SITE PLAN AND ARE SUBJECT TO BUILDING OFFICIAL APPROVAL.
 - ALL EXTERIOR BUILDING MATERIALS ARE SUBJECT TO BUILDING OFFICIAL APPROVAL AND SHALL CONFORM TO THE APPROVED FACIAD PLAN.
 - SIDEWALKS OF NOT LESS THAN SIX (6) FEET IN WIDTH ALONG THOROUGHFARES AND COLLECTORS AND FIVE (5) FEET IN WIDTH ALONG RESIDENTIAL STREETS AND BARRIER-FREE RAMPS AT ALL CURB CROSSINGS SHALL BE PROVIDED PER TOWN STANDARDS.
 - APPROVAL OF THE SITE PLAN IS NOT FINAL UNTIL ALL ENGINEERING PLANS ARE APPROVED BY THE ENGINEERING SERVICES DEPARTMENT.
 - SITE PLAN APPROVAL IS REQUIRED BEFORE THE GRADING RELEASE.
 - ALL NEW ELECTRICAL LINES SHALL BE INSTALLED AND/OR RELOCATED UNDERGROUND.
 - ALL MECHANICAL EQUIPMENT SHALL BE SCREENED FROM PUBLIC VIEW PER THE ZONING ORDINANCE.
 - ALL LANDSCAPE EASEMENTS MUST BE EXCLUSIVE OF ANY OTHER TYPE OF EASEMENT.
 - IMPACT FEES WILL BE ASSESSED PER THE LAND USE CLASSIFICATION(S) IDENTIFIED ON THE SITE DATA SUMMARY TABLE; HOWEVER, CHANGES TO THE PROPOSED LAND USE AT THE TIME OF CO AND/OR FINISH-OUT PERMIT MAY RESULT IN ADDITIONAL IMPACT FEES AND/OR PARKING REQUIREMENTS.
 - THE APPROVAL OF A SITE PLAN SHALL BE EFFECTIVE FOR EIGHTEEN (18) MONTHS FROM THE DATE OF APPROVAL BY THE PLANNING & ZONING COMMISSION. AT THE END OF WHICH TIME THE APPLICANT MUST HAVE SUBMITTED AND RECEIVED THE APPROVAL OF ENGINEERING PLANS AND BUILDING PERMITS. IF THE ENGINEERING PLANS AND BUILDING PERMITS ARE NOT APPROVED, THE SITE PLAN APPROVAL, TOGETHER WITH ANY PRELIMINARY SITE PLAN FOR THE PROPERTY, IS NULL AND VOID.

PLOTTED BY: LYNN ROWLAND
 PLOT DATE: 10/3/2023 10:10 PM
 LOCATION: Z:\PROJECTS\PROJECTS\2022-130 LIGHTHOUSE CHURCH PROSPER\CADD\SHEETS\PRELIMINARY ENGINEERING\PSP_REVISED.DWG
 LAST SAVED: 10/3/2023 12:01 PM

PRELIMINARY SITE PLAN