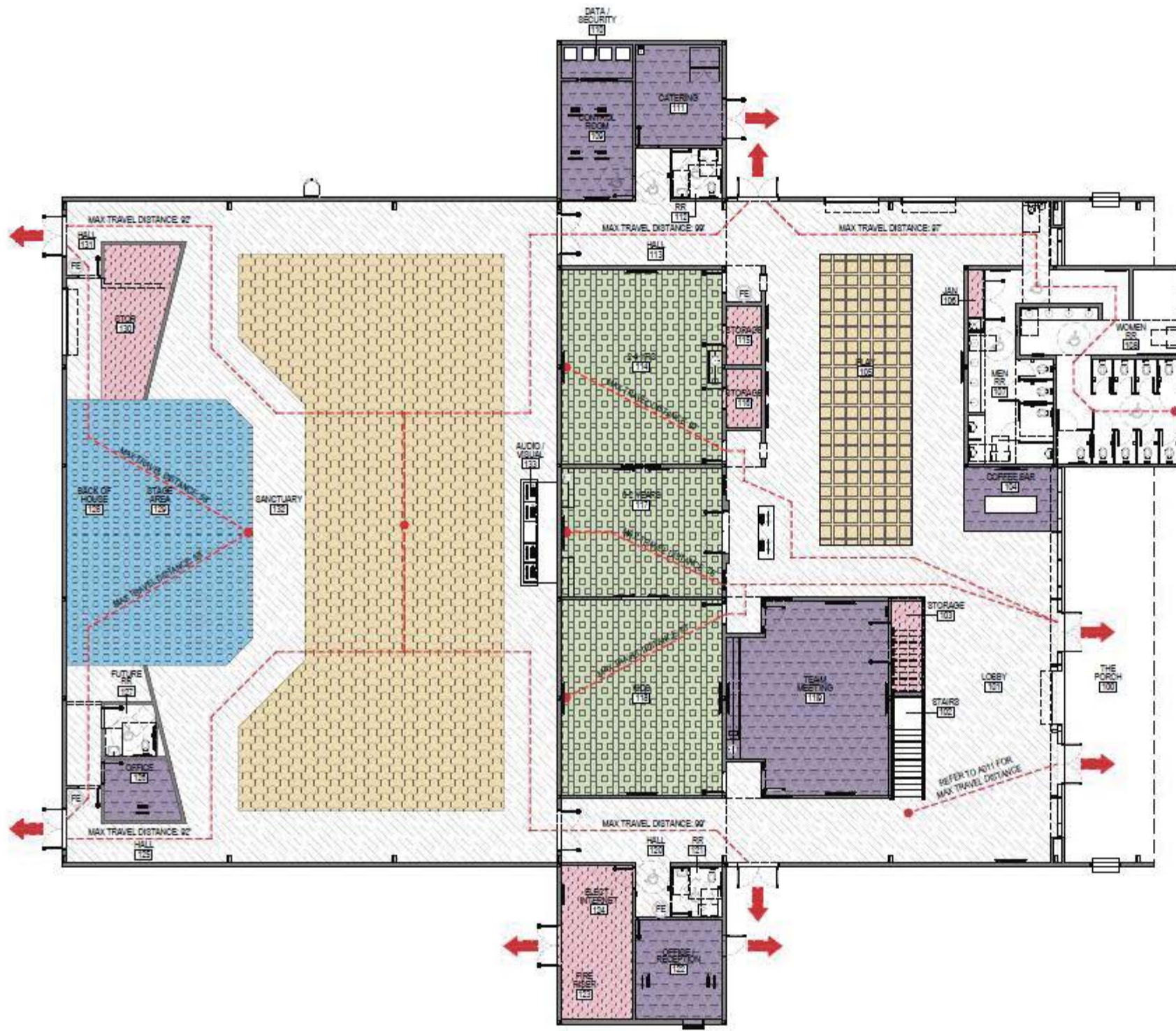




CODE ANALYSIS

APPLICABLE CODES

IRC 2015, IBC 2012, IFB 2011, IFB 2010, IFB 2008, IFB 2006, IFB 2003, IFB 2001, IFB 1998, IFB 1995, IFB 1992, IFB 1989, IFB 1986, IFB 1983, IFB 1980, IFB 1977, IFB 1974, IFB 1971, IFB 1968, IFB 1965, IFB 1962, IFB 1959, IFB 1956, IFB 1953, IFB 1950, IFB 1947, IFB 1944, IFB 1941, IFB 1938, IFB 1935, IFB 1932, IFB 1929, IFB 1926, IFB 1923, IFB 1920, IFB 1917, IFB 1914, IFB 1911, IFB 1908, IFB 1905, IFB 1902, IFB 1899, IFB 1896, IFB 1893, IFB 1890, IFB 1887, IFB 1884, IFB 1881, IFB 1878, IFB 1875, IFB 1872, IFB 1869, IFB 1866, IFB 1863, IFB 1860, IFB 1857, IFB 1854, IFB 1851, IFB 1848, IFB 1845, IFB 1842, IFB 1839, IFB 1836, IFB 1833, IFB 1830, IFB 1827, IFB 1824, IFB 1821, IFB 1818, IFB 1815, IFB 1812, IFB 1809, IFB 1806, IFB 1803, IFB 1800, IFB 1797, IFB 1794, IFB 1791, IFB 1788, IFB 1785, IFB 1782, IFB 1779, IFB 1776, IFB 1773, IFB 1770, IFB 1767, IFB 1764, IFB 1761, IFB 1758, IFB 1755, IFB 1752, IFB 1749, IFB 1746, IFB 1743, IFB 1740, IFB 1737, IFB 1734, IFB 1731, IFB 1728, IFB 1725, IFB 1722, IFB 1719, IFB 1716, IFB 1713, IFB 1710, IFB 1707, IFB 1704, IFB 1701, IFB 1698, IFB 1695, IFB 1692, IFB 1689, IFB 1686, IFB 1683, IFB 1680, IFB 1677, IFB 1674, IFB 1671, IFB 1668, IFB 1665, IFB 1662, IFB 1659, IFB 1656, IFB 1653, IFB 1650, IFB 1647, IFB 1644, IFB 1641, IFB 1638, IFB 1635, IFB 1632, IFB 1629, IFB 1626, IFB 1623, IFB 1620, IFB 1617, IFB 1614, IFB 1611, IFB 1608, IFB 1605, IFB 1602, IFB 1599, IFB 1596, IFB 1593, IFB 1590, IFB 1587, IFB 1584, IFB 1581, IFB 1578, IFB 1575, IFB 1572, IFB 1569, IFB 1566, IFB 1563, IFB 1560, IFB 1557, IFB 1554, IFB 1551, IFB 1548, IFB 1545, IFB 1542, IFB 1539, IFB 1536, IFB 1533, IFB 1530, IFB 1527, IFB 1524, IFB 1521, IFB 1518, IFB 1515, IFB 1512, IFB 1509, IFB 1506, IFB 1503, IFB 1500, IFB 1497, IFB 1494, IFB 1491, IFB 1488, IFB 1485, IFB 1482, IFB 1479, IFB 1476, IFB 1473, IFB 1470, IFB 1467, IFB 1464, IFB 1461, IFB 1458, IFB 1455, IFB 1452, IFB 1449, IFB 1446, IFB 1443, IFB 1440, IFB 1437, IFB 1434, IFB 1431, IFB 1428, IFB 1425, 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138, IFB 135, IFB 132, IFB 129, IFB 126, IFB 123, IFB 120, IFB 117, IFB 114, IFB 111, IFB 108, IFB 105, IFB 102, IFB 99, IFB 96, IFB 93, IFB 90, IFB 87, IFB 84, IFB 81, IFB 78, IFB 75, IFB 72, IFB 69, IFB 66, IFB 63, IFB 60, IFB 57, IFB 54, IFB 51, IFB 48, IFB 45, IFB 42, IFB 39, IFB 36, IFB 33, IFB 30, IFB 27, IFB 24, IFB 21, IFB 18, IFB 15, IFB 12, IFB 9, IFB 6, IFB 3, IFB 0

BUILDING HEIGHTS AND AREAS (SECTION 502)

OCCUPANCY CLASSIFICATION (GROUP A-3 - ASSEMBLY)

CONSTRUCTION TYPE

TYPE I-B - NON-COMBUSTIBLE FULLY SPRINKLED

ALLOWABLE BUILDING AREA

30,000 SF

ACTUAL BUILDING AREA

17,191 SF

ALLOWABLE NUMBER OF FLOORS

3 FLOORS

ACTUAL NUMBER OF FLOORS

1 FLOOR

ALLOWABLE BUILDING HEIGHT

75 FT

ACTUAL BUILDING HEIGHT

36 FT

AREA CALCULATED FROM EXTERIOR FINISH OF EXTERIOR WALLS

CHURCH FACILITY WILL BE EQUIPPED THROUGHOUT WITH A FIRE ALARM SYSTEM AND OCCUPANT NOTIFICATION IN ACCORDANCE WITH NFPA 72

BUILDING HAS A MINIMUM OF 3 FEET OF OPEN SPACE ON ALL SIDES (AS MEASURED TO A LOT LINE OR ANOTHER BUILDING)

OCCUPANCY LOAD CALCULATIONS (SECTION 1004.1.3)

FUNCTION OF SPACE

AREA

FACTOR

LOAD

ASSEMBLY WITH SEATED SEATING (CONCENTRATED CHAIRS ONLY)

3,866 SF

7 NET

#13

ASSEMBLY WITH SEATED SEATING (UNCONCENTRATED CHAIRS AND TABLES)

1,350 SF

15 NET

#5

STAGES AND PLATFORMS

1,111 SF

15 NET

#5

CLASSROOMS

1,318 SF

20 NET

#6

BUSINESS

1,894 SF / 100 GROSS

10

#17

ACCESSORY STORAGE (MECHANICAL)

3,362 SF

300 GROSS

12

TOTAL OCCUPANT LOAD

886

EXIT REQUIREMENTS (SECTION 1004.1.1)

FUNCTION OF SPACE

OCCUPANT LOAD

REQUIRED

PROVIDED

GROUP A-3 - ASSEMBLY

886

3

3

PLUMBING REQUIREMENTS (SECTION 1004.1.1)

FUNCTION OF SPACE

OCCUPANT LOAD

REQUIRED

PROVIDED

GROUP A-3 - ASSEMBLY

886

MEN'S RESTROOM

348 (30% OF 886)

3

3

WATER CLOSETS (WC)

3

3

URINALS (3% OF WC)

3

3

LAVATORIES (LVS)

3

3

WOMEN'S RESTROOM

348 (30% OF 886)

3

3

WATER CLOSETS (WC)

3

3

LAVATORIES (LVS)

3

3

SERVICE SINK

1

1

DRAINAGE TYPICAL (1/1000)

1

1

PARKING REQUIREMENTS (CITY OF PALMHURST PARKING ORDINANCE)

FUNCTION OF SPACE

CHURCH FACILITY

REQUIRED

PROVIDED

BUSINESS / PROFESSIONAL OFFICE

11

12

EDUCATIONAL

11

12

TOTAL

22

24

MINIMUM ACCESSIBLE SPACES

3

3

GENERAL NOTES

A. OVERALL PLAN SHEET IS INTENDED FOR CODE COMPLIANCE SUCH AS OVERALL OCCUPANCY, EGRESS INFORMATION, FIRE SEPARATION AND GENERAL INFORMATION.

B. AN OCCUPANT LOAD SIGN SHALL BE POSTED IN ANY ROOM WITH AN OCCUPANT LOAD OVER 50. THE SIGN IS REQUIRED TO BE POSTED AT OR NEAR THE MAIN EXIT.

C. PORTABLE FIRE EXTINGUISHERS TO BE MINIMUM 2A:10BC TYPE AND LOCATED SUCH THAT THE MAXIMUM TRAVEL DISTANCE TO AN EXTINGUISHER DOES NOT EXCEED 75 FEET.

D. EXIT SIGNAGE TO BE PROVIDED IN ACCORDANCE WITH IRC 1011.

E. EGRESS ILLUMINATION TO BE PROVIDED IN ACCORDANCE WITH IRC 1006.

F. CEILING FINISHES TO BE MINIMUM CLASS C AND INSTALLED IN ACCORDANCE WITH IRC CHAPTER 10.

FIRE PROTECTION KEY NOTES

KEYED NOTES APPLY TO A101 - A111 ONLY

FIRE EXTINGUISHER IN SEMI-RECESSED CABINET

MAXIMUM TRAVEL DISTANCE TO EXIT

OCCUPANCY LEGEND

KEYED NOTES APPLY TO A101 - A111 ONLY

SANCTUARY AREA OCCUPANCY

3,866 SF / 7 NET OCCUPANT LOAD FACTOR

PLAY AREA OCCUPANCY

1,350 SF / 15 NET OCCUPANT LOAD FACTOR

MEZZANINE AREA OCCUPANCY

1,111 SF / 15 NET OCCUPANT LOAD FACTOR

STAGE AREA OCCUPANCY

1,318 SF / 20 NET OCCUPANT LOAD FACTOR

CLASSROOM AREA OCCUPANCY

1,894 SF / 100 GROSS OCCUPANT LOAD FACTOR

BUSINESS AREA OCCUPANCY

1,894 SF / 100 GROSS OCCUPANT LOAD FACTOR

STORAGE AREA OCCUPANCY

3,362 SF / 300 GROSS OCCUPANT LOAD FACTOR

CIRCULATION AREA

910 REDWOOD AVE, STE 10
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OFFICE 958 800 4384
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STATE OF TEXAS
12-10-2020

PROJECT

ALLHEART CHURCH
PALMHURST, TEXAS 78573

PROJECT NO
18005

ISSUE FOR
CONSTRUCTION

ISSUE DATE
12-10-2020

REVISION DESCRIPTION DATE

CODE ANALYSIS +
LIFE SAFETY
A010

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ALLHEART CHURCH

PALMHURST, TEXAS 78573
CONSTRUCTION DOCUMENTS



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12/10/2020

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