

GENERAL NOTE:

1. ALL ELECTRONIC WORKS HEREIN SHALL BE DONE ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRONICS CODE, THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITIES AND THE REQUIREMENTS OF THE UTILITY TELEPHONE COMPANY.
2. ALL ELECTRONIC WORKS HEREIN INCLUDED SHALL BE EXECUTED BY THE PERSONNEL WITH ELECTRICAL EXPERIENCE UNDER THE DIRECT SUPERVISION OF A FULL-TIME LICENSED ELECTRONICS ENGINEER. WORKS SHALL BE NEATLY PLACED, SECURELY FASTENED AND PROPERLY FINISHED.
3. THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF THE TAPPING POINT FOR CONNECTION TO COMMUNICATION SUPPLY.
4. ALL MATERIALS SHALL BE BRAND NEW AND SHALL CONFORM WITH THE PROVISIONS OF THE UNDERWRITERS LABORATORIES INC., IN EVERY CASE WHERE SUCH A STANDARD HAS BEEN ESTABLISHED.
5. ALL CONDUITS MUST BE PROTECTED AGAINST DAMAGES BY THE ENTRANCE OF THE WATER AND FOREIGN MATTERS DURING CONSTRUCTION. ALL ENDS OF CONDUITS SHALL BE PLUGGED TO EXCLUDE MOISTURE AND DUST IMMEDIATELY AFTER THE CONDUITS ARE PLACED.
6. UNLESS OTHERWISE SPECIFIED, ALL ELECTRONICS WIRING INSTALLATION SHALL BE USED RSC. THE MINIMUM SIZE OF CONDUIT SHALL BE 15MM.
7. ALL RACEWAYS, WALL AND FLOOR PENETRATION SHALL BE PROVIDED WITH FIRE BARRIER OF THE APPROVED TYPE.
8. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH THE FACTORY KNOCKOUTS. PULLBOXES SHALL BE USED WHEN APPLICABLE FOR EASY PULLING OF WIRES AND SHALL BE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE REQUIREMENT. PREFERRED BRAND FOR JUNCTION, PULLBOXES OR UTILITY SQUARE BOXES SHALL BE FIMCO-AMCO, TMO OR APPROVED EQUAL.
9. MOUNTING HEIGHTS OF DEVICES SHALL BE:
(SUBJECT TO ARCHITECT'S APPROVAL PRIOR TO INSTALLATION)
10. ALL SPEAKER WIRING SHALL BE 2-0.75 SQ-MM SHIELDED SPEAKER WIRE.
11. NETWORK CABLES/ CONDUIT SHALL HAVE A MINIMUM DISTANCE OF 0.3M FROM POWER CONDUIT WHEN LAYED PARALLEL AND MUST RUN PERPENDICULAR TO THE STEEL CONDUIT WHEN CUTTING ACROSS A POWER LINE.
12. THE PLANS AS DRAWN ARE BASED UPON THE ARCHITECTURAL PLANS AND THE DETAILS AND SHOWN CONDITION AS ACCURATELY AS IT IS POSSIBLE TO INDICATE THEM IN SCALE. THE PLANS ARE DIAGRAMMATICAL AND DOES NOT NECESSARILY SHOW ALL FITTINGS NECESSARY TO FIT TO THE BUILDING CONDITIONS. THE LOCATIONS OF OUTLETS, APPARATUS AND APPLIANCES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTORS SHALL BE HELD RESPONSIBLE FOR THEIR PROPER LOCATION IN ORDER TO HAVE THEM FIT WITH THE ARCHITECTURAL DETAILS AND INSTRUCTIONS FROM THE ENGINEER'S REPRESENTATIVE AT THE SITE.

NOTES:

1. FIRE ALARM SYSTEM SHALL BE CONVENTIONAL TYPE.
2. MINIMUM CONDUIT SIZE SHALL BE 15MM FOR ALL TYPES OF WIRING.
3. ALL WIRE CONDUIT SHALL BE TYPE "PVC" WITH 15MM SIZE.

WIRING SHALL BE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE REQUIREMENT.

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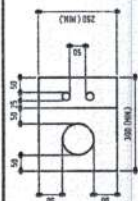
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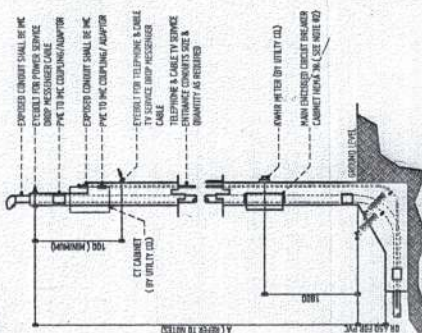
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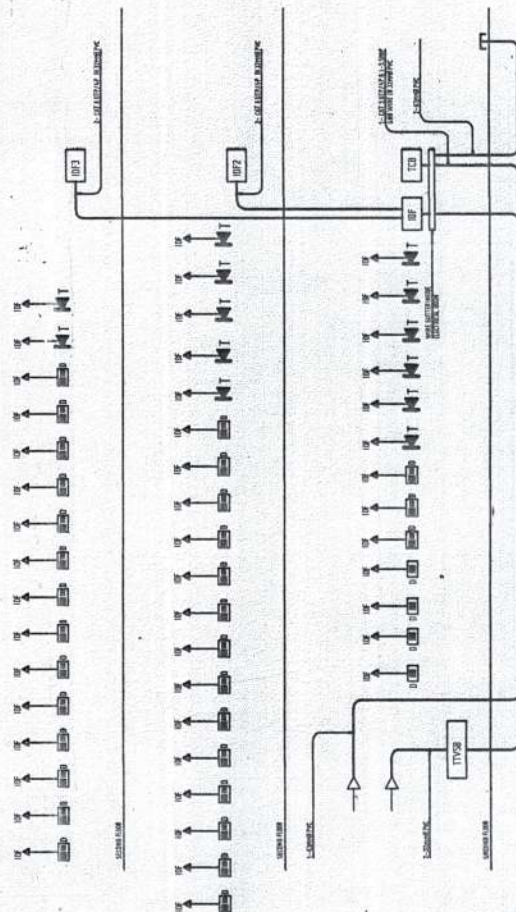


ELECTRONICS

- ITEM 19. GOVERNANCE** **ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) INFORMATION**
- ALL FINANCIAL STATEMENTS AND FINANCIAL RATINGS AND RANKINGS ARE PREPARED AND REVIEWED BY AN INDEPENDENT AUDITOR. ALL FINANCIAL STATEMENTS AND FINANCIAL RATINGS AND RANKINGS ARE PREPARED AND REVIEWED BY AN INDEPENDENT AUDITOR. ALL FINANCIAL STATEMENTS AND FINANCIAL RATINGS AND RANKINGS ARE PREPARED AND REVIEWED BY AN INDEPENDENT AUDITOR.



SERVICE PEDESTAL DETAIL



TELEPHONE AND INTERNET RISER DIAGRAM

OUT —

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ELECTRONIC

FLOOR E

THIRD

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REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
CHAYANAN DE BORO CAMPUS
INFRASTRUCTURE PLANNING AND FACILITY DEVELOPMENT UNIT
CLAYAN II, RECTO AVENUE, LUPATAN, CAGAYAN DE ORO CITY 9000
TELEPHONE # (09) 8227 71-40 / (09) 850-1700 / 055-4139 | TELE FAX (09) 854-4008
WEBSITE: www.usp.edu.ph

PROJECT		PROFESSIONAL ELECTRONICS ENGINEER	
LOCUTION	PRIME	DATE	
OWNER		PLACE	
	TM		

PROPOSED 3-STORY UNIVERSITY HEALTH CENTER
8527 JOB CAMINO, P.A. RECTO AVE., LAMPARAN, CAGAYAN DE ORO CITY
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

RECOMMENDING AGENCY

AR PERSHMANI & BUNDA

DIRECTOR, INFORMATION TECHNOLOGY & FACILITY DEVELOPMENT OPTIC

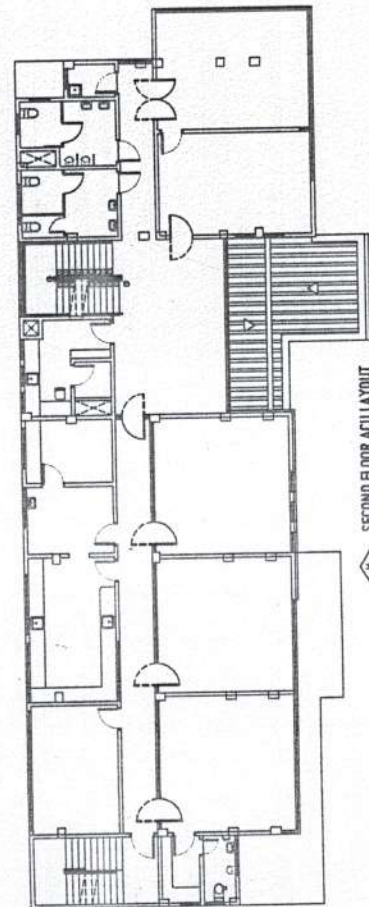
REC'D AND APPROVING  ATTY. ERWIN B. BUCOR VP. FOR LEGAL COUNSEL, AIT/AMS	APPROVED BY:  DR. AMBROSIO PRESIDENT
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	SHEET CONTENTS:	
CULTURA II	DRAWING PLANS ELECTRICAL LAYOUT MECHANICAL LAYOUT MECHANICAL LAYOUT TOLERANCE & DETAIL - SEE DRAWINGS SHOWN PARALLEL TO WALL	
SYSTEM		SWAIN LTD.
		DATE ISSUED
		FIG.

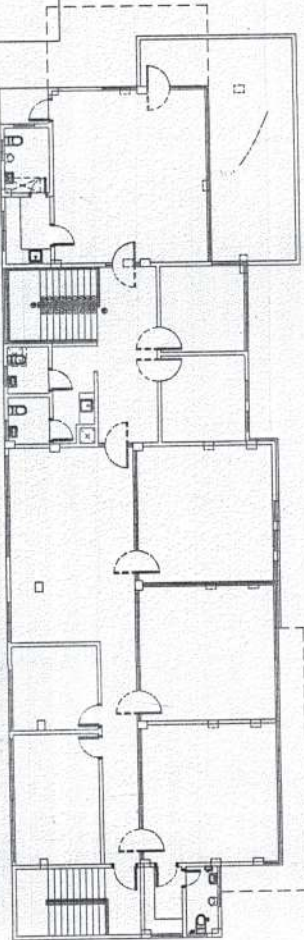


EQUIPMENT SCHEDULE SPLIT-TYPE UNIT AIR CONDITIONING SCHEDULE FIC BUILDING

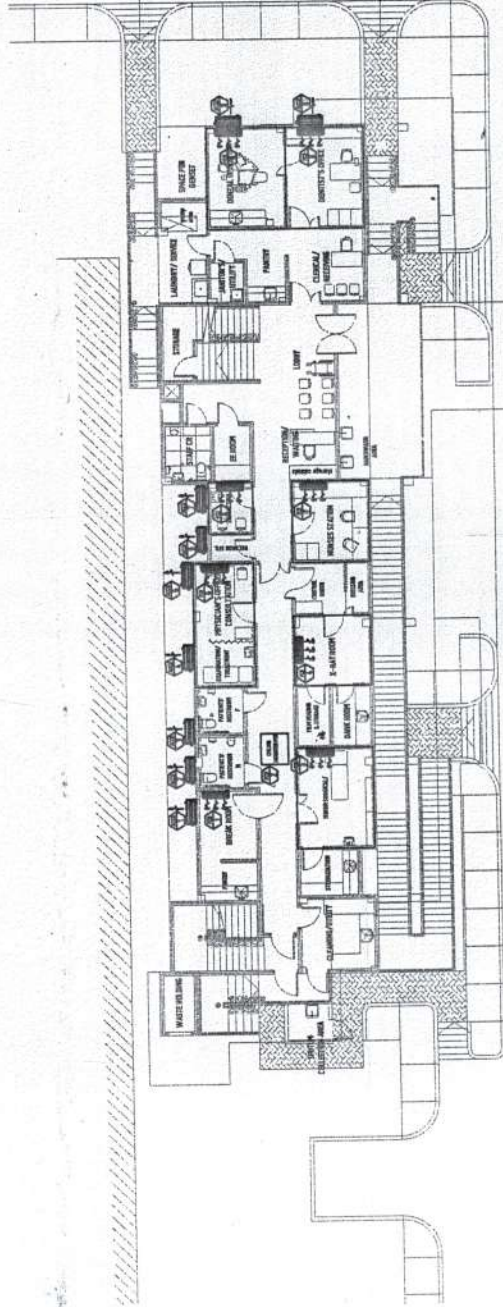
NAME NO.	UNIT	TYPE	LOCATION	CAPACITY (HP)	DISCHARGE TEMPERATURE				CONDENSER DATA				REFRIGERANT DATA			
					WATER	AIR	WATER	AIR	WATER	AIR	WATER	AIR	WATER	AIR	WATER	AIR
OUTDOOR	1	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 1	1	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 2	2	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 3	3	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 4	4	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 5	5	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 6	6	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 7	7	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 8	8	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 9	9	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77
UNIT 10	10	WALL MOUNTED	2nd FLOOR	1.5 HP	77	77	77	77	77	77	77	77	77	77	77	77



SECOND FLOOR ACU LAYOUT
NOT TO SCALE



THIRD FLOOR ACU LAYOUT
NOT TO SCALE



GROUND FLOOR ACU LAYOUT
NOT TO SCALE



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UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
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CAGAYAN DE ORO CITY
TEL: 082 221-1111 / 082 221-1112 / 082 221-1113 / 082 221-1114 / 082 221-1115
WWW.USTIP.EDU.PH

PROJECT
LOCATION
OWNER

PROPOSED 3-STORY UNIVERSITY HEALTH CENTER
CITY OF CAGAYAN, C.A. BICOT AVE., LAMPALAN, CAGAYAN DE ORO CITY
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

RECOMMENDING OFFICIAL
AR. FREDERICKA D. TORRES
DIRECTOR OF PLANNING AND DESIGN DEPARTMENT

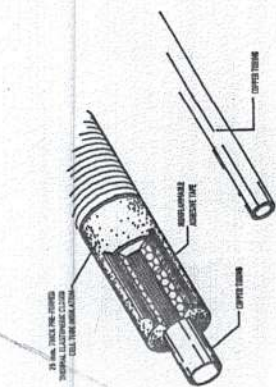
RECOMMENDING APPROVAL
ATY. ERWIN B. BUENO
SPECIAL ASSISTANT TO THE VICE CHANCELLOR

APPROVED BY
DR. AMOROSO CULTURA II
VICE CHANCELLOR

SHEET CONTENTS
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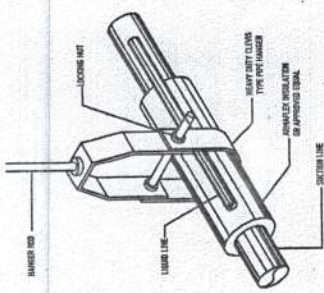
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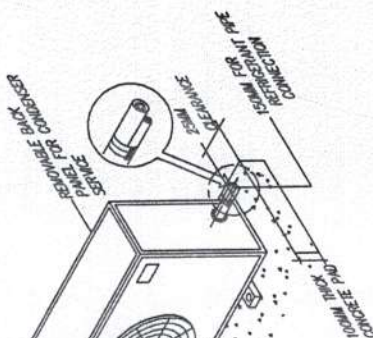


- NOTE:
- CONDENSATE DRAIN PIPE INSULATION SHALL BE OF POLYURETHANE, NOT 19mm THICK.
 - PROVIDE ALUMINUM CLAMPING FOR SLOTTED REFRIGERANT PIPING.

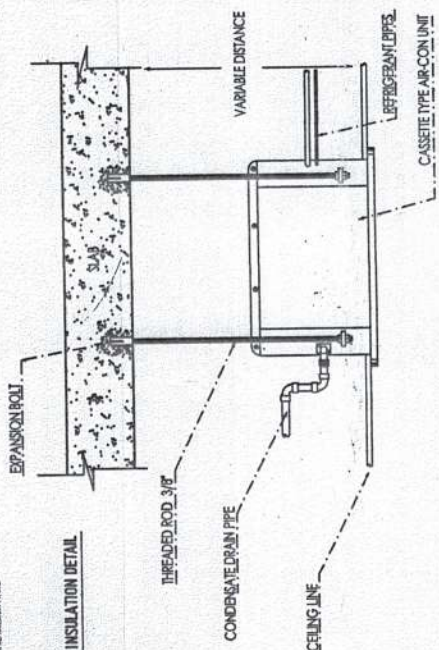
REFRIGERANT PIPE INSULATION DETAIL
NOT TO SCALE



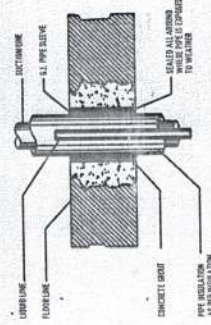
REFRIGERANT PIPE HANGER DETAIL
NOT TO SCALE



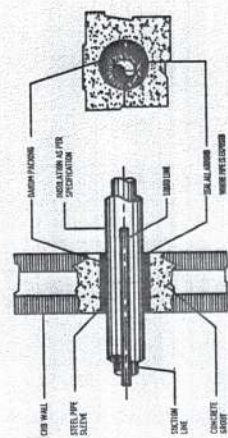
ACCESS MOUNTING DETAIL
NOT TO SCALE



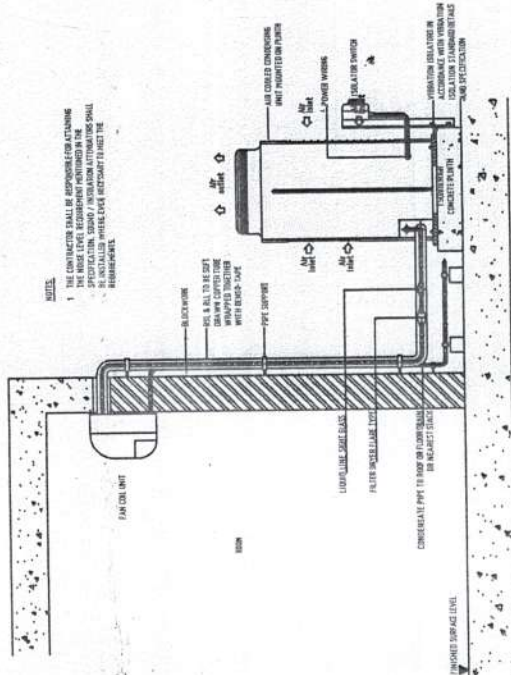
TYPICAL CEILING CASSETTE-TYPE INSTALLATION DETAIL
NOT TO SCALE



REFRIGERANT PIPE THRU WALL DETAIL
NOT TO SCALE



TYPICAL SPLIT-TYPE CONNECTION DETAIL
NOT TO SCALE



NOTES ON PIPING INSTALLATION:

- REFRIGERANT PIPES SHALL BE DIFFERENTIALLY CLEANED BY FLUSHING WITH CLEAN DRY AIR OR INERT GAS. ALL PIPES SHALL BE DRY AND FREE OF OIL AND MOISTURE.
- PIPE SIZES SHALL BE AS SPECIFIED BY THE MANUFACTURER. ALL PIPES SHALL BE INSTALLED WITH A MINIMUM SLOPE OF 1/8" PER FOOT TOWARD THE CONDENSER UNIT.
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GENERAL NOTES:

- ALL MECHANICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE RELEVANT PHILIPPINE STANDARDS AND SPECIFICATIONS.
- THE PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE RELEVANT PHILIPPINE STANDARDS AND SPECIFICATIONS.
- THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE RELEVANT PHILIPPINE STANDARDS AND SPECIFICATIONS.
- THE MECHANICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE RELEVANT PHILIPPINE STANDARDS AND SPECIFICATIONS.
- THE PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE RELEVANT PHILIPPINE STANDARDS AND SPECIFICATIONS.

Diagram illustrating a 16-bit parallel adder structure. The inputs are A[15:0] and B[15:0], and the output is S[15:0]. The adder is composed of a chain of full adders, with carry propagation from the least significant bit (LSB) to the most significant bit (MSB).

FIVE LINES
FIVE LINES SHALL BE BLACK BOXES (B1)
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FIVE LINES SHALL BE BLACK BOXES (B1)
FIVE LINES SHALL BE BLACK BOXES (B1)
FIVE LINES SHALL BE BLACK BOXES (B1)

ONE VALUE
ONE VALUE SHALL BE OUTSIDE BONES AND FIVE POINTS
ONE VALUE SHALL BE OUTSIDE BONES AND FIVE POINTS
ONE VALUE SHALL BE OUTSIDE BONES AND FIVE POINTS
ONE VALUE SHALL BE OUTSIDE BONES AND FIVE POINTS
ONE VALUE SHALL BE OUTSIDE BONES AND FIVE POINTS

Diagram illustrating a 16-bit parallel adder structure. The inputs are A[15:0] and B[15:0], and the output is S[15:0]. The adder is composed of a chain of full adders, with carry propagation from the least significant bit (LSB) to the most significant bit (MSB).



- [illegible]

MATERIAL SPECIFICATIONS :

- [illegible]

LEGEND

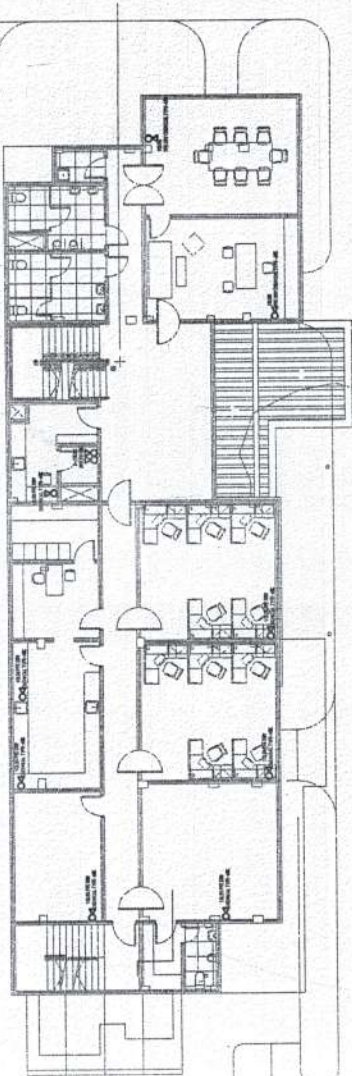
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|---|---|---|---|---|---|---|---|---|----|----|----|------|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13</ | |

ABBREVIATION:

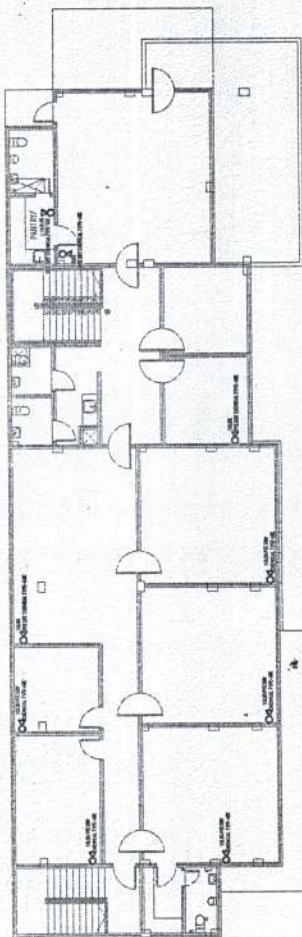
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| 2005 | 2004 | 2003 | 2002 | 2001 | 2000 | 1999 | 1998 | 1997 | 1996 | 1995 | 1994 | 1993 | 1992 | 1991 | 1990 | 1989 | 1988 | 1987 | 1986 | 1985 | 1984 | 1983 | 1982 | 1981 | 1980 | 1979 | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972 | 1971 | 1970 | 1969 | 1968 | 1967 | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | 1949 | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 | 1929 | 1928 | 1927 | 1926 | 1925 | 1924 | 1923 | 1922 | 1921 | 1920 | 1919 | 1918 | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 | 1907 | 1906 | 1905 | 1904 | 1903 | 1902 | 1901 | 1900 | 1899 | 1898 | 1897 | 1896 | 1895 | 1894 | 1893 | 1892 | 1891 | 1890 | 1889 | 1888 | 1887 | 1886 | 1885 | 1884 | 1883 | 1882 | 1881 | 1880 | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 | 1873 | 1872 | 1871 | 1870 | 1869 | 1868 | 1867 | 1866 | 1865 | 1864 | 1863 | 1862 | 1861 | 1860 | 1859 | 1858 | 1857 | 1856 | 1855 | 1854 | 1853 | 1852 | 1851 | 1850 | 1849 | 1848 | 1847 | 1846 | 1845 | 1844 | 1843 | 1842 | 1841 | 1840 | 1839 | 1838 | 1837 | 1836 | 1835 | 1834 | 1833 | 1832 | 1831 | 1830 | 1829 | 1828 | 1827 | 1826 | 1825 | 1824 | 1823 | 1822 | 1821 | 1820 | 1819 | 1818 | 1817 | 1816 | 1815 | 1814 | 1813 | 1812 | 1811 | 1810 | 1809 | 1808 | 1807 | 1806 | 1805 | 1804 | 1803 | 1802 | 1801 | 1800 | 1799 | 1798 | 1797 | 1796 | 1795 | 1794 | 1793 | 1792 | 1791 | 1790 | 1789 | 1788 | 1787 | 1786 | 1785 | 1784 | 1783 | 1782 | 1781 | 1780 | 1779 | 1778 | 1777 | 1776 | 1775 | 1774 | 1773 | 1772 | 1771 | 1770 | 1769 | 1768 | 1767 | 1766 | 1765 | 1764 | 1763 | 1762 | 1761 | 1760 | 1759 | 1758 | 1757 | 1756 | 1755 | 1754 | 1753 | 1752 | 1751 | 1750 | 1749 | 1748 | 1747 | 1746 | 1745 | 1744 | 1743 | 1742 | 1741 | 1740 | 1739 | 1738 | 1737 | 1736 | 1735 | 1734 | 1733 | 1732 | 1731 | 1730 | 1729 | 1728 | 1727 | 1726 | 1725 | 1724 | 1723 | 1722 | 1721 | 1720 | 1719 | 1718 | 1717 | 1716 | 1715 | 1714 | 1713 | 1712 | 1711 | 1710 | 1709 | 1708 | 1707 | 1706 | 1705 | 1704 | 1703 | 1702 | 1701 | 1700 | 1699 | 1698 | 1697 | 1696 | 1695 | 1694 | 1693 | 1692 | 1691 | 1690 | 1689 | 1688 | 1687 | 1686 | 1685 | 1684 | 1683 | 1682 | 1681 | 1680 | 1679 | 1678 | 1677 | 1676 | 1675 | 1674 | 1673 | 1672 | 1671 | 1670 | 1669 | 1668 | 1667 | 1666 | 1665 | 1664 | 1663 | 1662 | 1661 | 1660 | 1659 | 1658 | 1657 | 1656 | 1655 | 1654 | 1653 | 1652 | 1651 | 1650 | 1649 | 1648 | 1647 | 1646 | 1645 | 1644 | 1643 | 1642 | 1641 | 1640 | 1639 | 1638 | 1637 | 1636 | 1635 | 1634 | 1633 | 1632 | 1631 | 1630 | 1629 | 1628 | 1627 | 1626 | 1625 | 1624 | 1623 | 1622 | 1621 | 1620 | 1619 | 1618 | 1617 | 1616 | 1615 | 1614 | 1613 | 1612 | 1611 | 1610 | 1609 | 1608 | 1607 | 1606 | 1605 | 1604 | 1603 | 1602 | 1601 | 1600 | 1599 | 1598 | 1597</ |
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CONCLUSIONS

- [illegible]

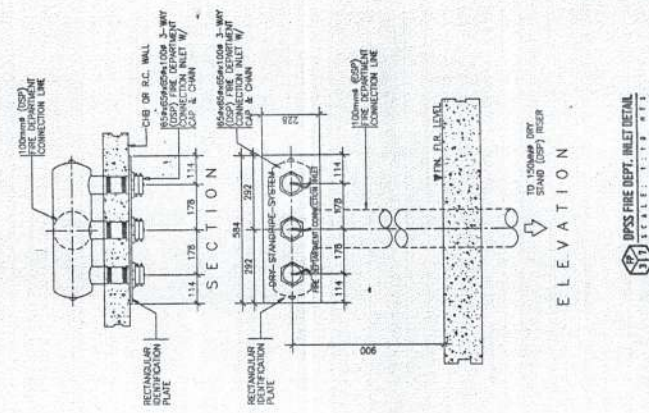
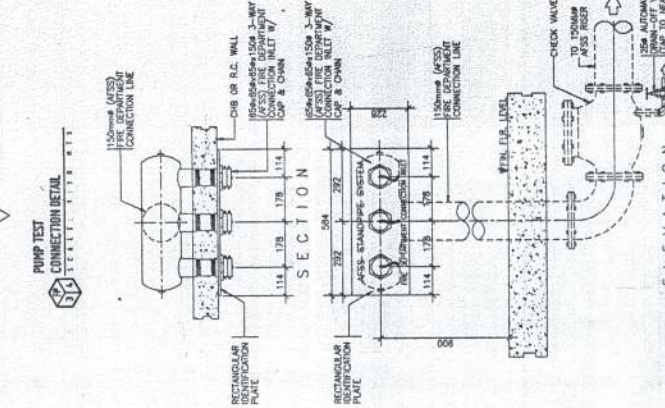
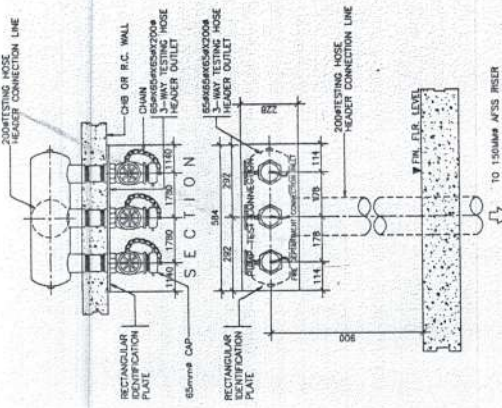
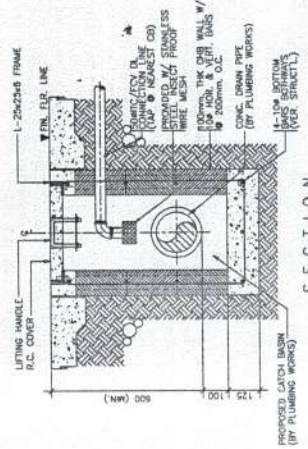
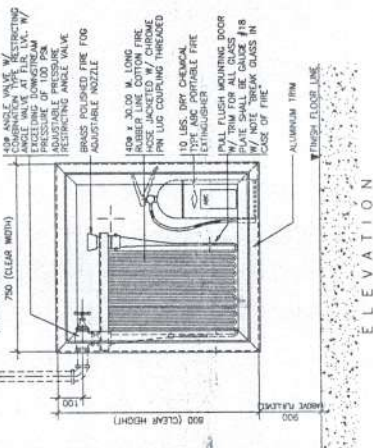
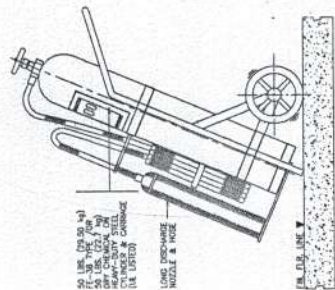
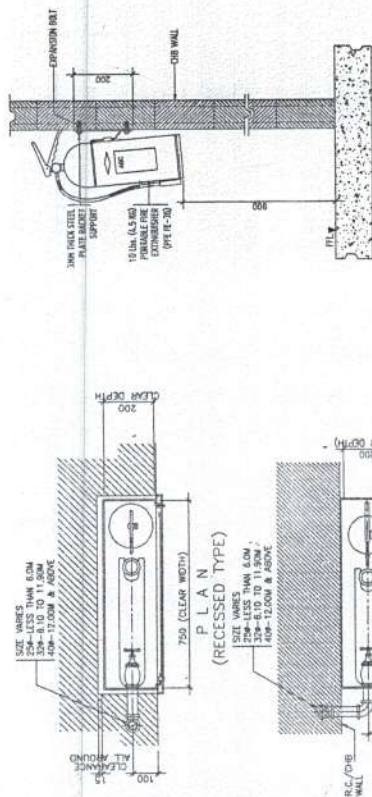


21
FP
SECOND FLOOR FIRE PROTECTION PLAN
SCALE 1/16" = 1'-0"



THIRD FLOOR FIRE PROTECTION PLAN FOR FUTURE EXPANSION

[illegible]



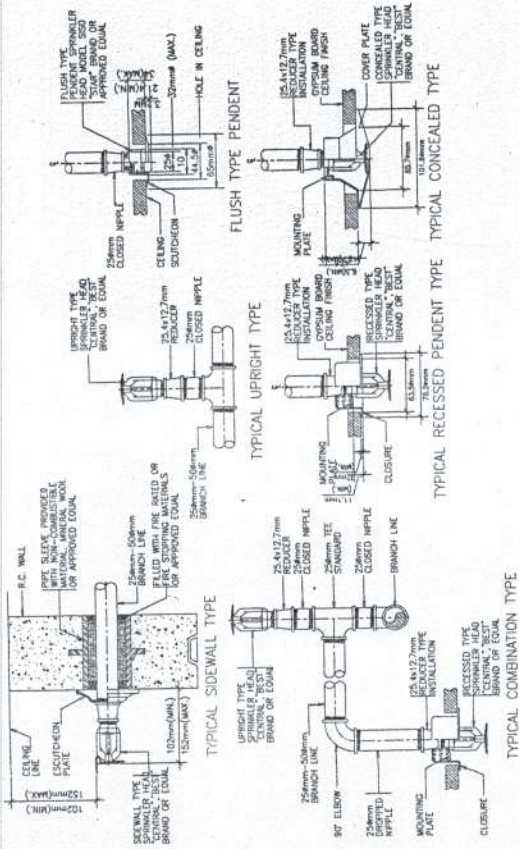
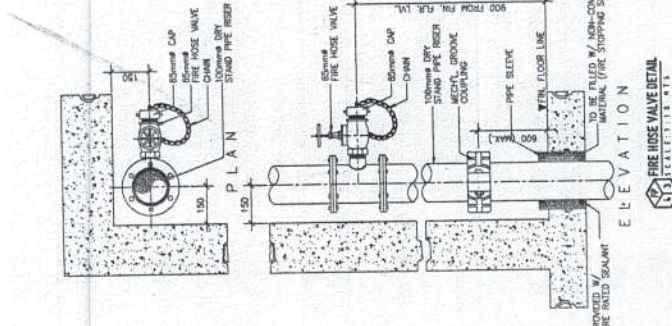
PIPE SIZE D _o	ROD SIZE D _a	B	C	A MAX.	W x T	K x L
75	90	9.85	111.12	143	66.30	25 x 3
100	127	109.0	165.1	30.23	40 x 6	M12 x 85
125	152	133.36	40	33.27	40 x 6	M12 x 130
150	151	176.12	267	30.00	40 x 6	M16 x 160

PIPE HANGER DETAIL
NOT DRAWN TO SCALE

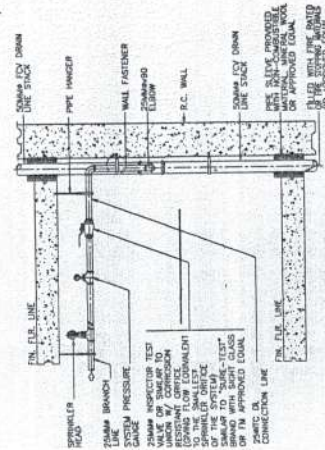
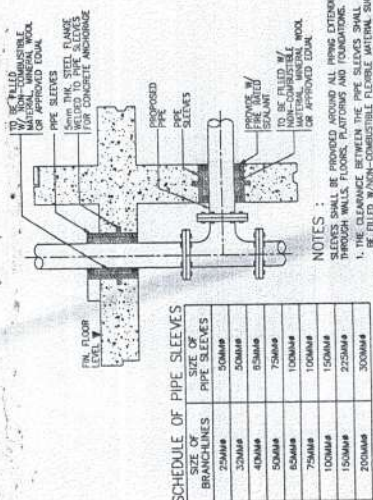
DPSS FIRE DEPT., INLET DETAIL
SCALE: 1" = 1'-0" N.T.S.

AFSS FIRE DEPT. INLET DETAIL

FTV/ITC OIL CONNECTION
TO CATCH BASIN



EQUIPMENT	TYPE	CAPACITY, GPM	APPROX. TDH, PSI	MOTOR (HP)	VOLTS	PHASE	HERTZ	REMARKS
FIRE PUMP WITH CONTROLLER								
JOCKEY PUMP								



NOTES :

SLEEVES SHALL BE PROVIDED AROUND ALL PILING DETERMINED THROUGH WALLS, FLOORS, PLANTINGS AND FOUNDATIONS.

1. THE CLEARANCE BETWEEN THE PIPE SLEEVES SHALL BE TIGHTED BY NON-COMBUSTIBLE FLEXIBLE MATERIAL SUCH AS MINERAL WOOL, FIBERGLASS OR EQUIVALENT.

2. MINIMUM CLEARANCE BETWEEN PIPE AND SLEEVES SHALL NOT BE LESS THAN 25MM FOR PIPE 25MM AND THROUGH 75MM & 40MM FOR PIPE SIZE 100MM AND LARGER. FLOOR SLEEVES SHALL BE SIZED AT LEAST

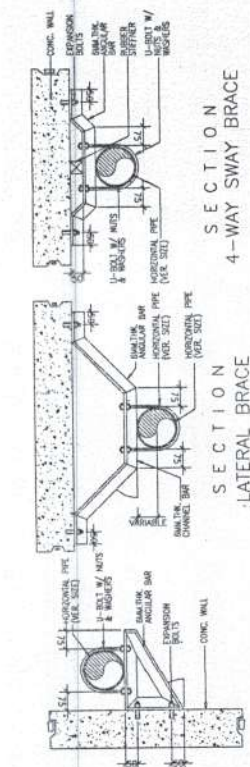


PIPE SLEEVE DETAIL
NOT DRAWN TO SCALE

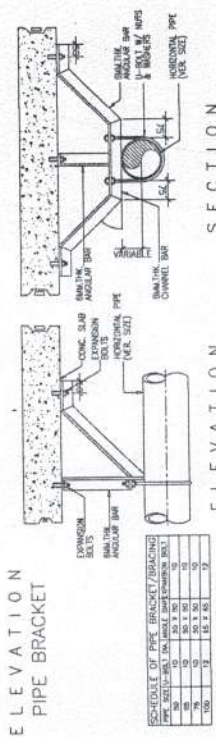
INSPECTOR TEST
CONNECTION DETAIL



FIC EQUIPMENT SCHEDULE
NOT DRAWN TO SCALE

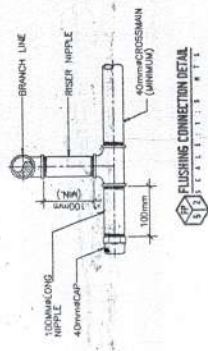


SECTION
4-WAY SWAY BRACE

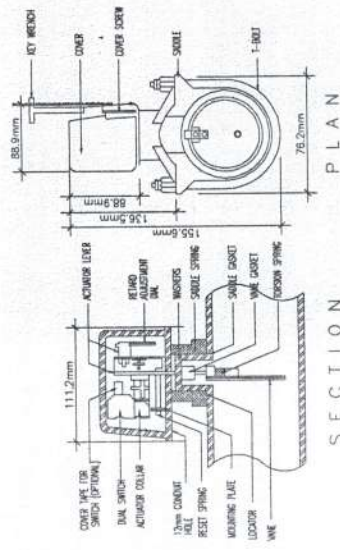
SECTION
LATERAL BRACE

ELEVATION
PIPE BRACKET

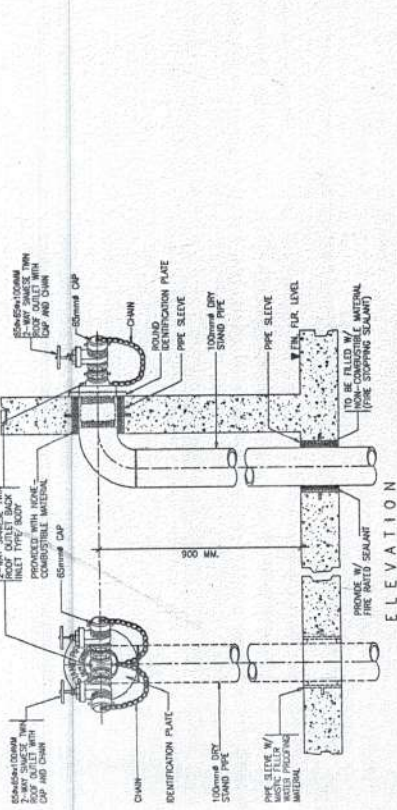
ELEVATION SECTION
LONGITUDINAL BRACE



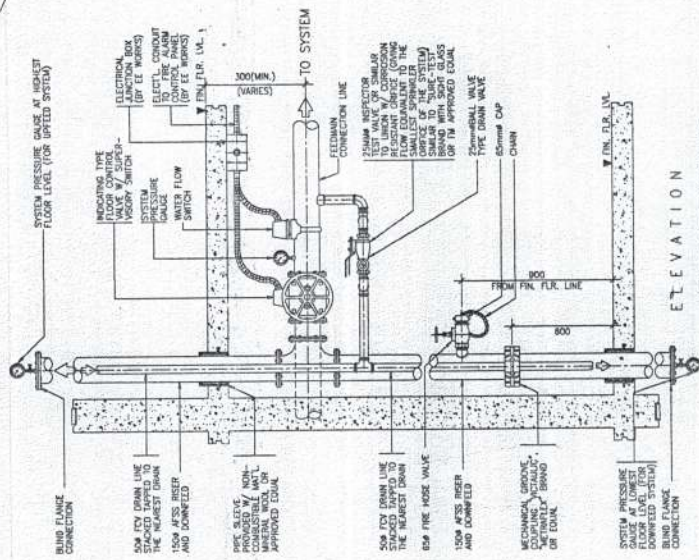
FLUSHING CONNECTION DETAIL



SECTION



ELEVATION



EVALUATION

**SUPERVISORY FLOOR CONTROL VALVE
ASSEMBLY & VALVE HOSE DETAIL**

