

CLIENT.

AL-HAMD INTERNATIONAL

DRAWINGS STATUS.

TENDER DRAWINGS

APRIL - 2019

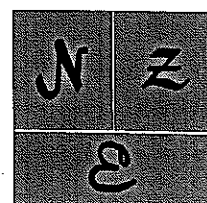
PROJECT

PLUMBING & FIRE PROTECTION SYSTEM  
FOR AL-HAMD INTERNATIONAL  
PLOT NO.22-C SHAHBAAZ LANE-4 COMMERCIAL BUILDING  
PH-VI P.D.O.H.AUTHORITY KARACHI

PROJECT NO.

AHS-2019-03-05

M&P CONSULTANT.



**N.Z ENGINEERS**

PLOT NO. 70C, M-01 JAMI  
COMMERCIAL, STREET 9  
PHASE-VII, D.H.A KARACHI.  
Tel: +92 213 5314095  
Email: info@nzengineers.net

ELECTRIC CONSULTANTS



**VITAL ASSOCIATES**

Suit # 623, 6th Floor, Anum Blessing,  
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Karachi. Tel: 021-34314837-8  
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STRUCTURE



**BEG ASSOCIATES**

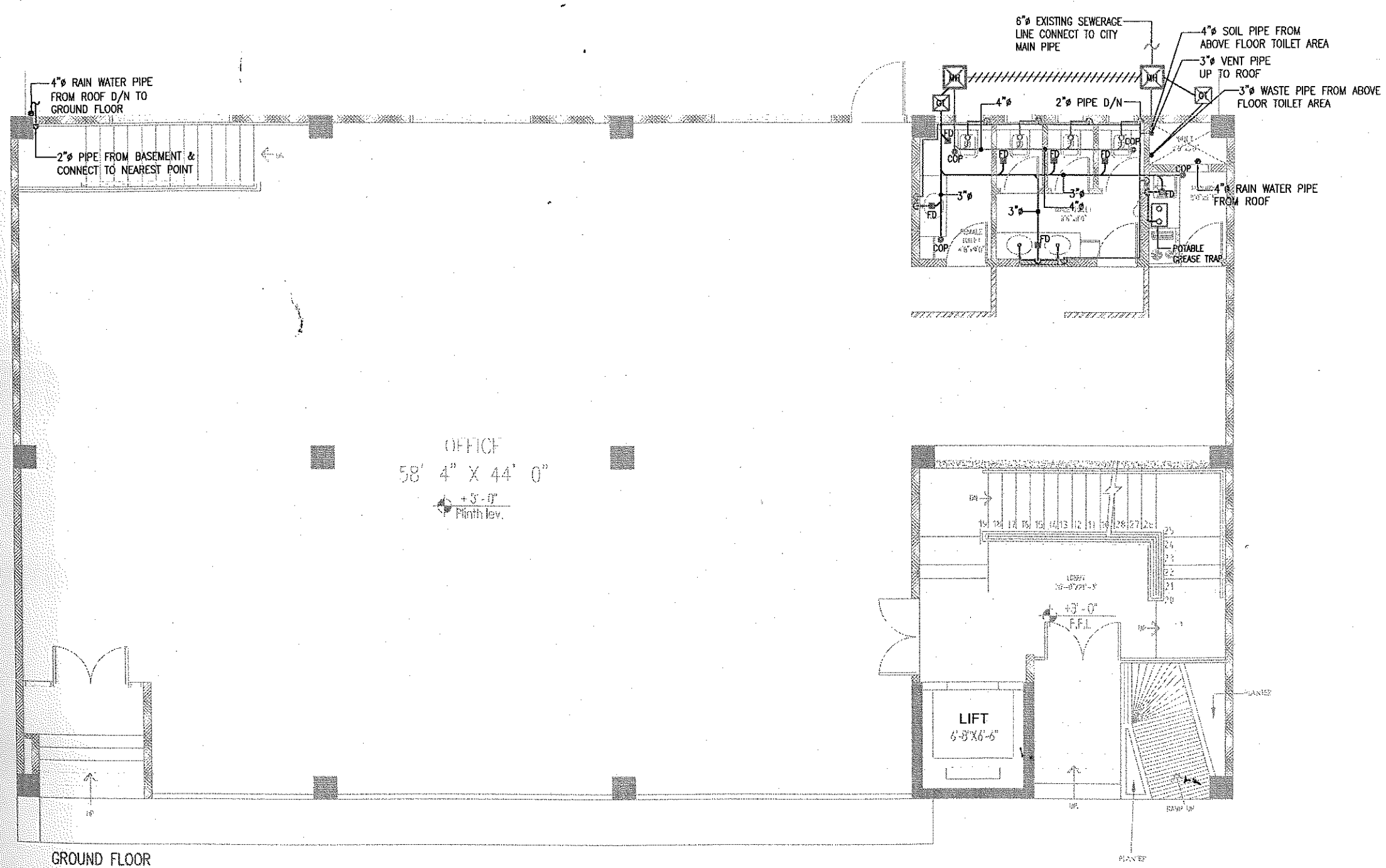
CHARTERED CIVIL AND STRUCTURAL ENGINEERS  
ST-12/1, NOBLE HEIGHTS, CHANDNI CHOWK, UNIVERSITY ROAD KARACHI.  
TELEPHONE NO.: 493-1554, 493-0833 FAX: 493-4676

ARCHITECT.

**AXIS**  
CONSULTANTS

D-1119 D FLOOR BLOCK-A COMMERCIAL AREA,  
KLEHMT ARCADE,  
TEL: 021-34854720 E-mail: info@axisconsultants.com





SYMBOLS	DESCRIPTION
	SOIL PIPE
	WASTE PIPE
	COLD WATER SUPPLY PIPE
	PIPE UP/DWON
	GAS PIPE
	FIRE HOUSE CABINET PIPE
	FIRE HOUSE CABINET
	FIRE EXTINGUISHERS (D.C.P, CO2)
	FLOOR DRAIN
	CLEAN OUT PLUG
	MANHOLE
	GULLY TRAP
	BALL VALVE
	GATE VALVE

**OWNER**  
M/S AL-HAMD INTERNAIONAL (AICT)  
LTD THR CEO MR HUSSAIN ISLAM

**PROJECT**  
PROPOSED COMMERCIAL BUILDING  
ON PLOT NO 22-C SHAHBAAZ LANE -4  
PH-VI P.D.O.H.AUTHORITY KARACHI.

**ELECTRICAL**  
  
**VITAL ASSOCIATES**  
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**M&P CONSULTANT**  
  
**N.Z ENGINEERS**  
PLOT NO. 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

**STRUCTURE**  
  
**BEG ASSOCIATES**  
CHARTERED CIVIL AND STRUCTURAL ENGINEERS  
ST-121, NOBLE HEIGHTS, CHANDNI CHOWK, UNIVERSITY ROAD KARACHI  
TELEPHONE NO.: 493-1554, 493-0833 FAX: 493-4676

**ARCHITECT**  
  
**AXIS CONSULTANTS**  
211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

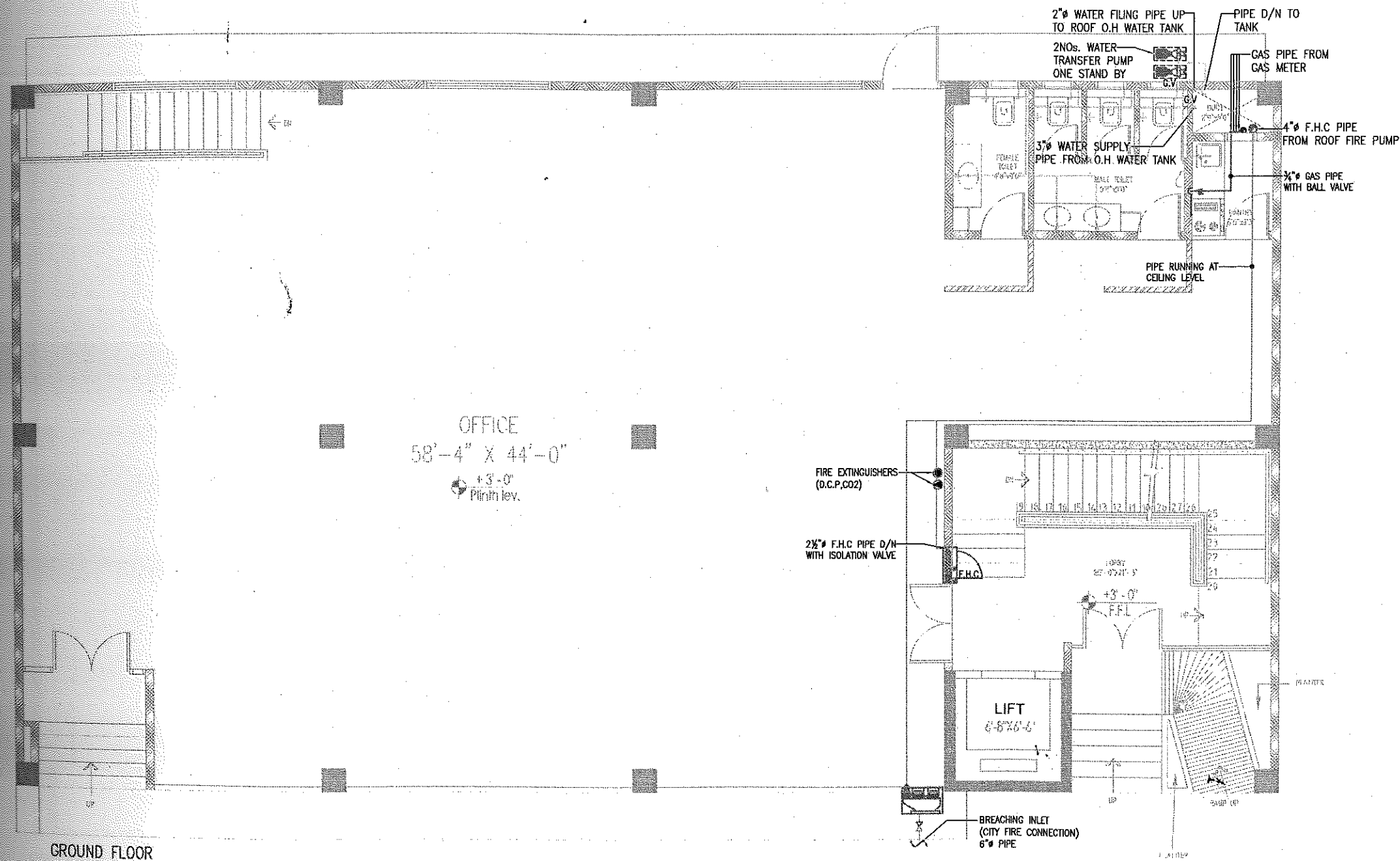
**TITLE**  
LAYOUT OF PROPOSED DRAINAGE  
SYSTEM AT GROUND FLOOR

PROJ. ARCH.	SHEET No.
DRAWN BY	P-02
CHECKED	DATE
JOB No.	YEB-2019
DATE	YEB-2019

TENDER DRAWING







SYMBOLS	DESCRIPTION
	SOIL PIPE
	WASTE PIPE
	COLD WATER SUPPLY PIPE
	PIPE UP/DWON
	GAS PIPE
	FIRE HOUSE CABINET PIPE
	FIRE HOUSE CABINET
	FIRE EXTINGUISHERS (D.C.P., CO2)
	FLOOR DRAIN
	CLEAN OUT PLUG
	MANHOLE
	GULLY TRAP
	BALL VALVE
	GATE VALVE

**OWNER**  
M/S AL-HAMD INTERNATIONAL (AICT)  
LTD THR CEO MR HUSSAIN ISLAM

**PROJECT**  
PROPOSED COMMERCIAL BUILDING  
ON PLOT NO 22-C SHAHBAAZ LANE -4  
PH-VI P.D.O.H. AUTHORITY KARACHI.

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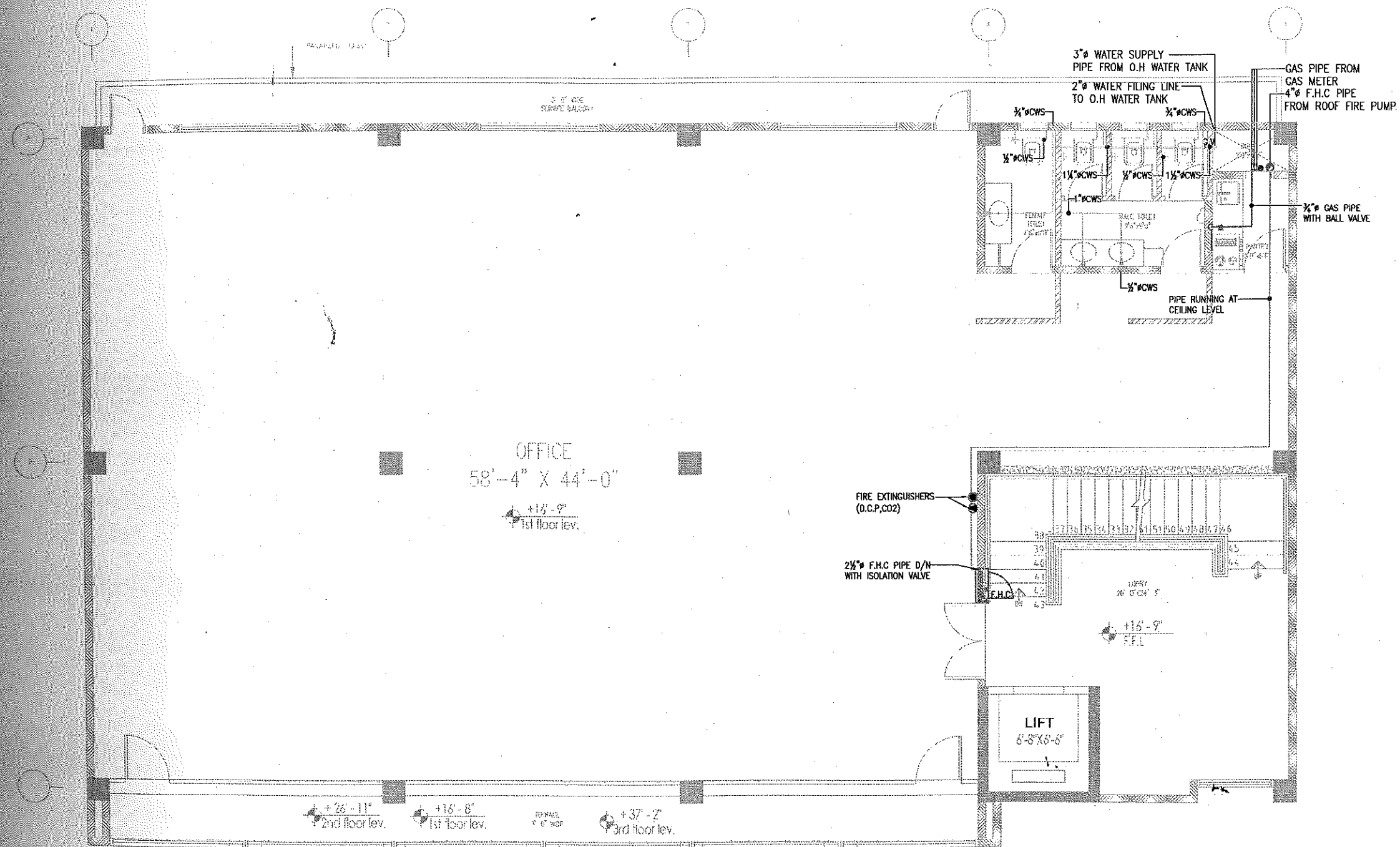
**STRUCTURE**  
**BEG ASSOCIATES**  
CHARTERED CIVIL AND STRUCTURAL ENGINEERS  
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**ARCHITECT**  
**AXIS CONSULTANTS**  
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Email: info@nazingineers.com

**TITLE**  
LAYOUT OF PROPOSED WATER SUPPLY  
& FIRE PROTECTION SYSTEM AT GROUND FLOOR

PROJ. ARCH.	SHEET No.
DRAWN BY	P-04
CHECKED	MTF
DATE	SCALE
1/8" = 1'-0"	
JOB No.	DATE
ABS-2019-03-05	FEB-2019

TENDER DRAWING



FIRST, SECOND, THIRD, FOURTH TYPICAL FLOOR



SYMBOLS	DESCRIPTION
	SOIL PIPE
	WASTE PIPE
	COLD WATER SUPPLY PIPE
	PIPE UP/DWON
	GAS PIPE
	FIRE HOUSE CABINET PIPE
	FIRE HOUSE CABINET
	FIRE EXTINGUISHERS (D.C.P., CO2)
	FLOOR DRAIN
	CLEAN OUT PLUG
	MANHOLE
	GULLY TRAP
	BALL VALVE
	GATE VALVE

OWNER  
M/S AL-HAMD INTERNATIONAL (AICT)  
LTD THR CEO MR HUSSAIN ISLAM

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PROPOSED COMMERCIAL BUILDING  
ON PLOT NO 22-C SHAHBAAZ LANE -4  
PH-VI P.D.O.H.AUTHORITY KARACHI.

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STRUCTURE  
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ARCHITECT  
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PLOT NO. 70C, 4th JAM  
COMMERCIAL, STREET 9  
PHASE-VI, DHA KARACHI.  
Tel: +92 210 1314005  
Email: info@axisconsultants.com

TITLE  
LAYOUT OF PROPOSED WATER SUPPLY & FIRE  
PROTECTION SYSTEM FIRST TO FOURTH  
TYPICAL

PROJ. ARCH.	SHEET No.
DRAWN BY	P-05
CHECKED	MTF
DATE	1/8" = 1'-0"
JOB No.	DATE
AXIS-2019-03-05	FEB-2019

TENDER DRAWING







SYMBOLS	DESCRIPTION
	SOIL PIPE
	WASTE PIPE
	COLD WATER SUPPLY PIPE
	PIPE UP/DWON
	GAS PIPE
	FIRE HOUSE CABINET PIPE
	FIRE HOUSE CABINET
	FIRE EXTINGUISHERS (D.C.P., CO2)
	FLOOR DRAIN
	CLEAN OUT PLUG
	MANHOLE
	GULLY TRAP
	BALL VALVE
	GATE VALVE

OWNER  
M/S AL-HAMD INTERNAIONAL (AICT)  
LTD THR CEO MR HUSSAIN ISLAM

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PROPOSED COMMERCIAL BUILDING  
ON PLOT NO 22-C SHAHBAAZ LANE -4  
PH-VI P.D.O.H.AUTHORITY KARACHI.

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COMMERCIAL - STREET 9  
PHASE-VI D-2A KARACHI.  
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Email: info@nzh-engineers.com

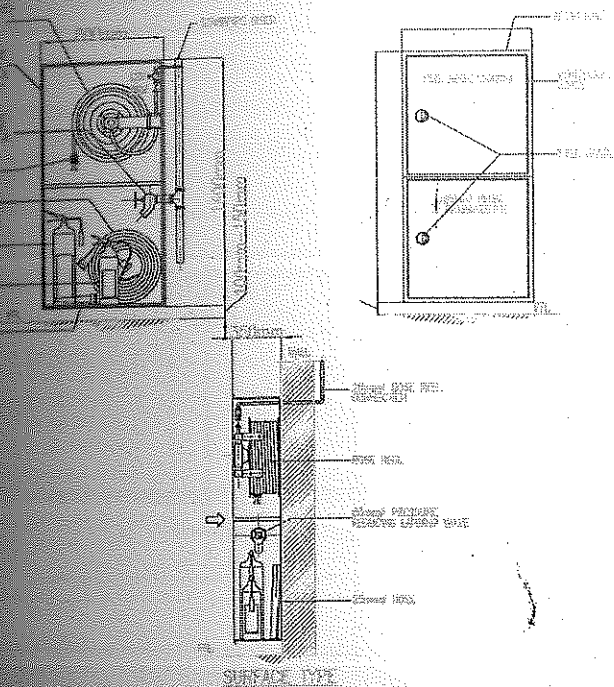
STRUCTURE  
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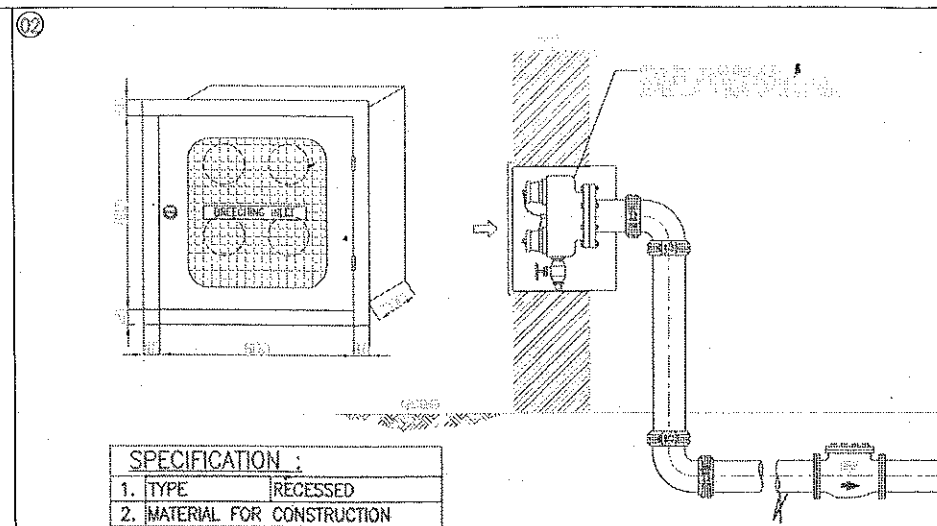
TITLE  
FIRE PROTECTION GENERAL DETAIL

PROJ. ARCH.	SHEET No.
DRAWN BY	P-07
CHECKED	MTF
DATE	SCALE
JOB No.	N.T.S
DATE	DATE
2019-03-05	FEB-2019

TENDER DRAWING

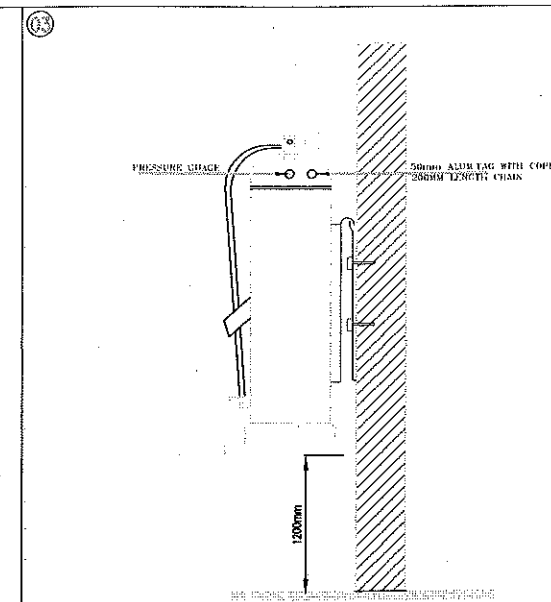


FIRE HOSE REEL & FIRE EXTINGUISHER CABINET

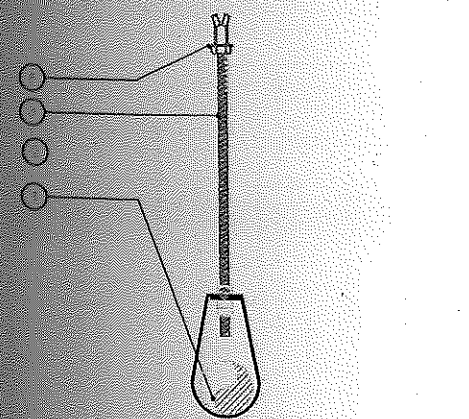


SPECIFICATION :	
1. TYPE	RECESSED
2. MATERIAL FOR CONSTRUCTION	
a. DOOR & ARCHITRAVE	STAINLESS STEEL
b. BACK BOX	ELECTRO GALVANIZED STEEL
3. DOOR	WIRED GLASS
4. FINISH	
a. DOOR & ARCHITRAVE	BRUSH FINISH
b. BACK BOX	RED POWDER COATED
5. HANDLE	STANDARD

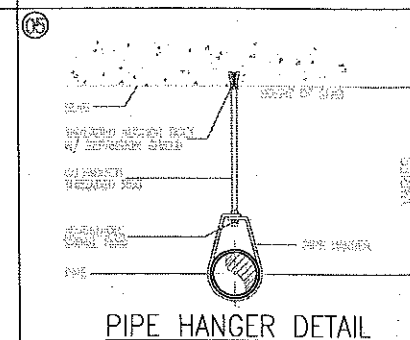
BREACHING INLET DETAIL (RECESSED MOUNTED)



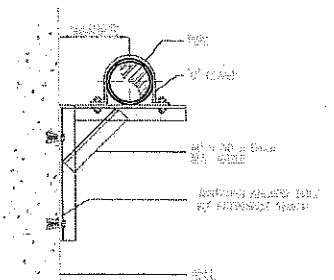
WALL HUNG FIRE EXTINGUISHER.



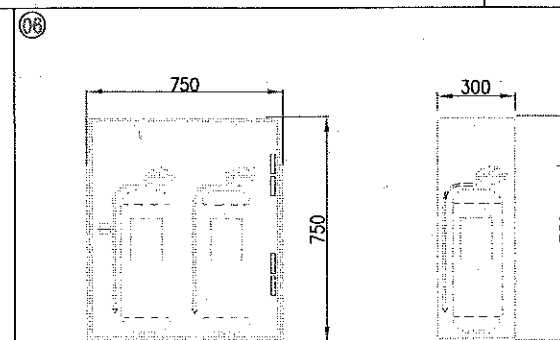
PIPE HANGER INSTALLATION DETAILS



PIPE HANGER DETAIL



PIPE SUPPORT THRU WALL

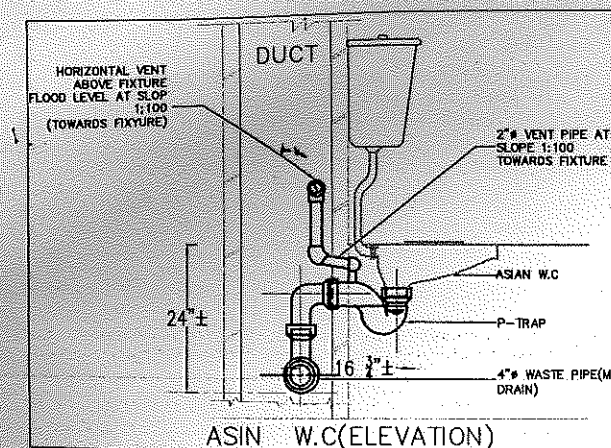
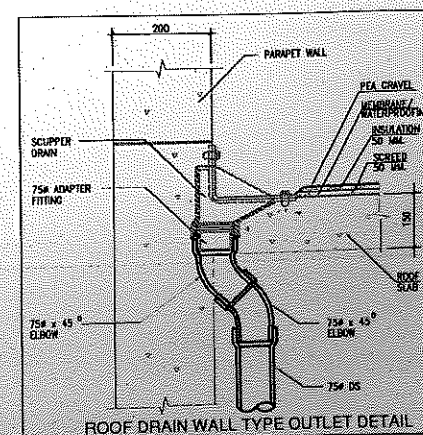
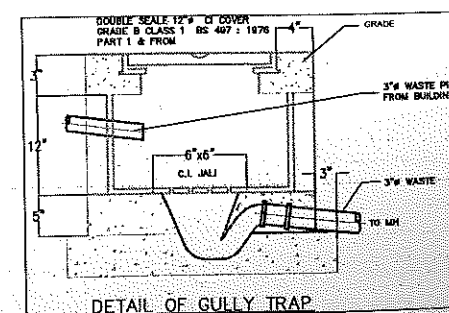
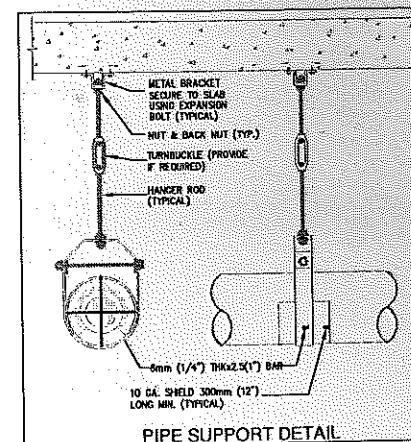
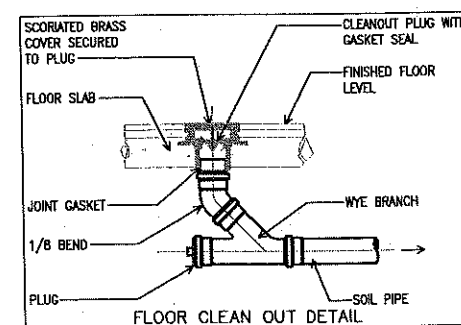
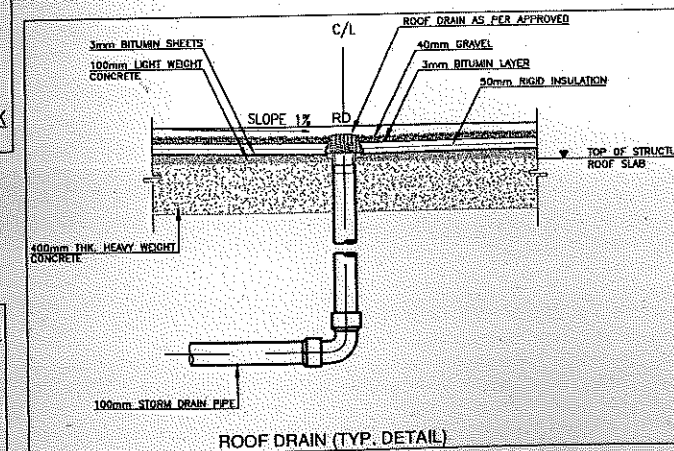
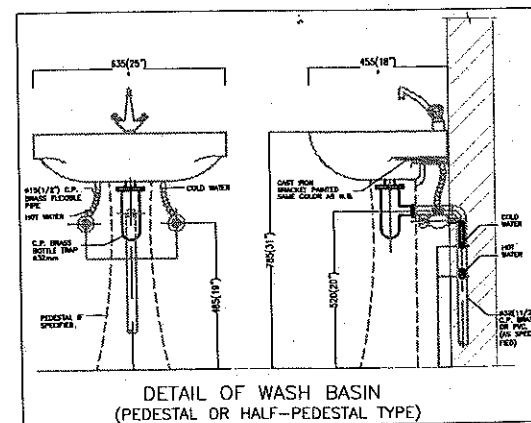
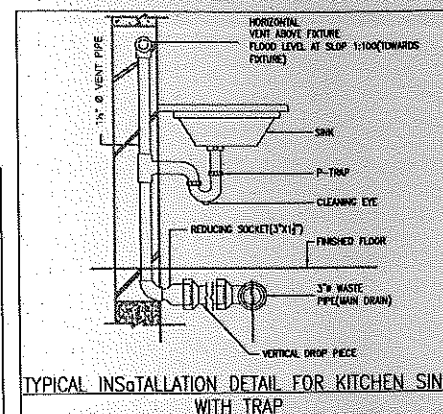
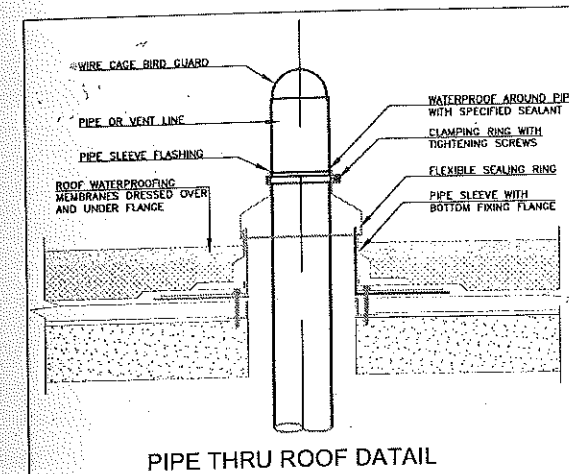
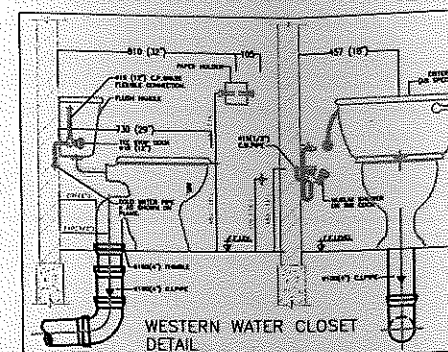
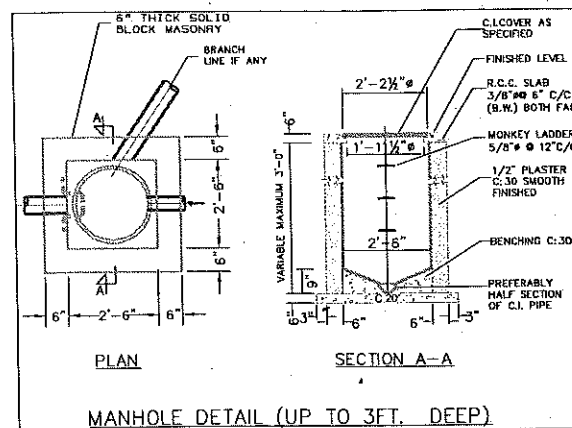


FRONT VIEW  
SIDE VIEW  
DETAIL OF FIRE EXTINGUISHER  
CABINET



TYP. DETAILS OF CW/HW CONNECTIONS KITCHEN SINK

DETAILS OF CW/HW CONNECTIONS WB      TYP. DETAILS OF CW/HW CONNECTIONS WC



SYMBOLS	DESCRIPTION
	SOIL PIPE
	WASTE PIPE
	COLD WATER SUPPLY PIPE
	PIPE UP/DWON
	GAS PIPE
	FIRE HOUSE CABINET PIPE
	FIRE HOUSE CABINET
	FIRE EXTINGUISHERS (D.C.P, CO2)
	FLOOR DRAIN
	CLEAN OUT PLUG
	MANHOLE
	GULLY TRAP
	BALL VALVE
	GATE VALVE

## OWNER

M/S AL-HAMD INTERNATIONAL (AICT)  
LTD THR CEO MR HUSSAIN ISLAM

PROJECT	
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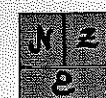
**PROJECT**  
PROPOSED COMMERCIAL BUILDING  
ON PLOT NO 22-C SHAHBAAZ LANE -4  
PH-VI P.D.O.H AUTHORITY KARACHI.

## ELECTRICAL



**VITAL ASSOCIATES**  
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Karachi. Tel: 021-34314837-8  
Email: [info@vitalassociates.net](mailto:info@vitalassociates.net)  
Web: [www.vitalassociates.net](http://www.vitalassociates.net)

**M&P CONSULTANT**



**N.Z ENGINEERS**  
PLOT NO. 79C, M-1 JAM  
COMMERCIAL, STREET 5  
PHASE-VII D.H.A KARACHI  
Tel: +92 213 5114055  
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## STRUCTURE


**BEG ASSOCIATES**  
CHARTERED CIVIL AND STRUCTURAL ENGINEERS  
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TELEPHONE NO.: 493-1554, 493-0833 FAX: 493-4676

## ARCHITECT

[illegible]

TITLE
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PLUMBING GENERAL DETAIL

PROJ. ARCH.		SHEET No.	
DRAWN BY		P-08	
MTF			
CHECKED	SCALE		
ZD	N.T.S		
DATE			
JOB No.			
ARJSE-2019-03-05		N	
YEB-2019			

TENDER DRAWING