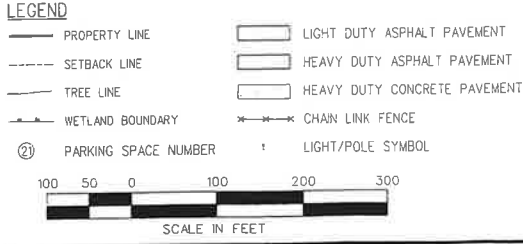


LOCATION MAP
NOT TO SCALE

SITE DATA		
TAX ACCOUNT NUMBER	04-04 00-0690, 04-04 00-067, 04-04 00-69E	
CURRENT OWNER	AC INTERNATIONAL, LLC	
PURCHASER	KEANE FRAC, LP	
SITE AREA: 76.626 ACRES (EXCLUDING DEED OVERLAP)		
COMBINED TO A SINGLE PARCEL UPON LAND/TITLE EXCHANGE		
ZONING DATA		
ZONING DISTRICT	COMMERCIAL, PER ZONING HEARING 7/6/11	
MUNICIPALITY	CHARLESTON TOWNSHIP	
USE	REQUIRED	PROPOSED
MINIMUM LOT AREA WITH OFF-LOT SEWER SERVICE AND ON-LOT WATER SERVICE	2 ACRES	76.626 ACRES
MINIMUM LOT WIDTH WITH OFF-LOT SEWER SERVICE AND ON-LOT WATER SERVICE	200'	2,148' +/-
MINIMUM FRONT YARD FRONTING ON AN ARTERIAL ROAD	100'	
MINIMUM FRONT YARD FRONTING ON A LOCAL ROAD	80'	523.7' MIN.
MINIMUM SIDE YARD WITH OFF-LOT SEWER SERVICE AND ON-LOT WATER SERVICE	50'	194.5' MIN.
MINIMUM REAR YARD WITH OFF-LOT SEWER SERVICE AND ON-LOT WATER SERVICE	20'	423.4' MIN.
MAXIMUM BUILDING HEIGHT	35'	<35'
MAXIMUM LOT COVERAGE	40%	1.01%
PARKING SPACE SIZE	10' x 20'	10' x 20'
PARKING: 1 SPACE PER 400 SF FOR "OTHER COMMERCIAL BUILDINGS"	86 (134,200 SF)	112

- GENERAL NOTES**
- PER FEMA FLOOD INSURANCE RATE MAP (FIRM) 42172 0039 (FORMERLY FEMA FLOOD HAZARD BOUNDARY MAP COMMUNITY PANEL NUMBER 42172 002A PAGE 2 OF 3 FOR CHARLESTON TOWNSHIP, PA (MAP REVISION DATE 3/14/1980), CONVERTED BY LETTER 12/1/1986), THE SITE IS NOT LOCATED WITHIN ANY FLOOD HAZARD AREAS.
 - CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT NUMBERS, LOCATIONS AND DIMENSIONS OF RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS.
 - COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH OWNER.
 - THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS, ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA, IN AN ADEQUATE AND SATISFACTORY MANNER.
 - THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREAS OF CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR THE JURISDICTIONAL AUTHORITY ARE COMPLETED.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATIONS AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
 - ANY WORK PERFORMED IN THE PENNDOT RIGHT-OF-WAY SHALL BE PER THEIR GUIDELINES AND STANDARD SPECIFICATIONS.
 - THE STRIPING SHOWN IN THE GRAVEL TRUCK PARKING IS FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT TO BE COMPLETED AS PART OF THIS PROJECT.



OVERALL SITE PLAN
SCALE: 1"=100'



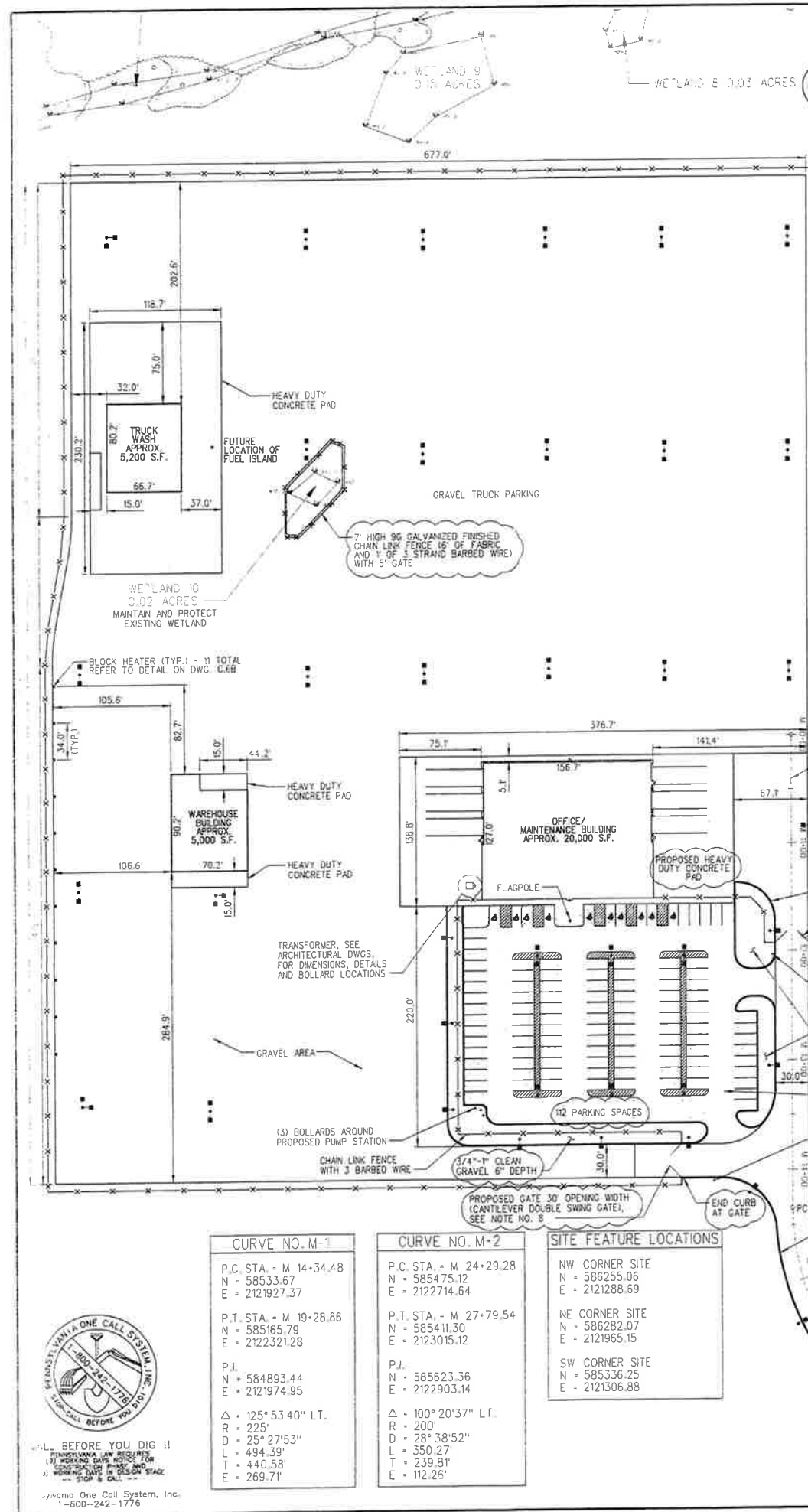
KEANE FRAC, LP
WAREHOUSE/TRUCK WASH BUILDING
AND CHEMICAL WAREHOUSE
U.S. ROUTE 6, CHARLESTON TWP., TIoga COUNTY PA

REVISIONS

NO. 1	DATE	DESCRIPTION
1	11/11/2012	

PROJECT NO. 40162.00
DRAWN BY: [Name]
DATE: 11/14/11
CHECKED BY: [Name]
DESIGNED BY: [Name]
BID, PERMIT AND CONSTRUCTION

SHEET
C.1



- GENERAL NOTES**
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT NUMBERS, LOCATIONS AND DIMENSIONS OF RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS.
 - COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH OWNER.
 - THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS, ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA, IN AN ADEQUATE AND SATISFACTORY MANNER.
 - THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND R.O.W. MONUMENTS IN THE AREAS OF CONSTRUCTION.
 - THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR THE JURISDICTIONAL AUTHORITY ARE COMPLETED.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATIONS AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ANY WORK PERFORMED IN THE PENNDOT RIGHT-OF-WAY SHALL BE PER THEIR GUIDELINES AND STANDARD SPECIFICATIONS.
 - THE PROPOSED CANTILEVER DOUBLE SWING GATES SHALL BE INSTALLED WITH AN AUTOMATIC GATE OPENER WITH A CARD READER AND EXIT INDUCTION LOOPS ON EACH SIDE OF THE GATE.

PAVEMENT STRIPING SPECIFICATION

ADA/STRIPING LEGEND

A1	10' WIDE VAN ACCESSIBLE SPACE WITH SIGN AND SYMBOL PER ADA REQUIREMENTS
A2	10' WIDE HANDICAP ACCESSIBLE SPACE WITH PAINTED BLUE LINES
A3	10' WIDE HANDICAP PEDESTRIAN ASLE WITH 4" BLUE STRIPES @ 45°, 2' O.C.
A4	4" YELLOW STRIPED AREA - 4" YELLOW STRIPES @ 45°, 2' O.C.
A5	10' WIDE PARKING STALL WITH 4" YELLOW PARKING STRIPES

- ALL PAVEMENT STRIPING TO BE PAINTED TWICE.
- ALL ACCESSIBLE STRIPING SHALL BE "ADA" BLUE, INCLUDING THE OUTER LINE OF THE ACCESSIBLE SPACE. AN INITIAL PRIMER COAT OF WHITE SHALL BE USED PRIOR TO PAINTING OF THE BLUE LINES.
- ALL PARKING SPACE STRIPING AND HATCHED AREAS SHALL BE YELLOW.

CURVE NO. M-1

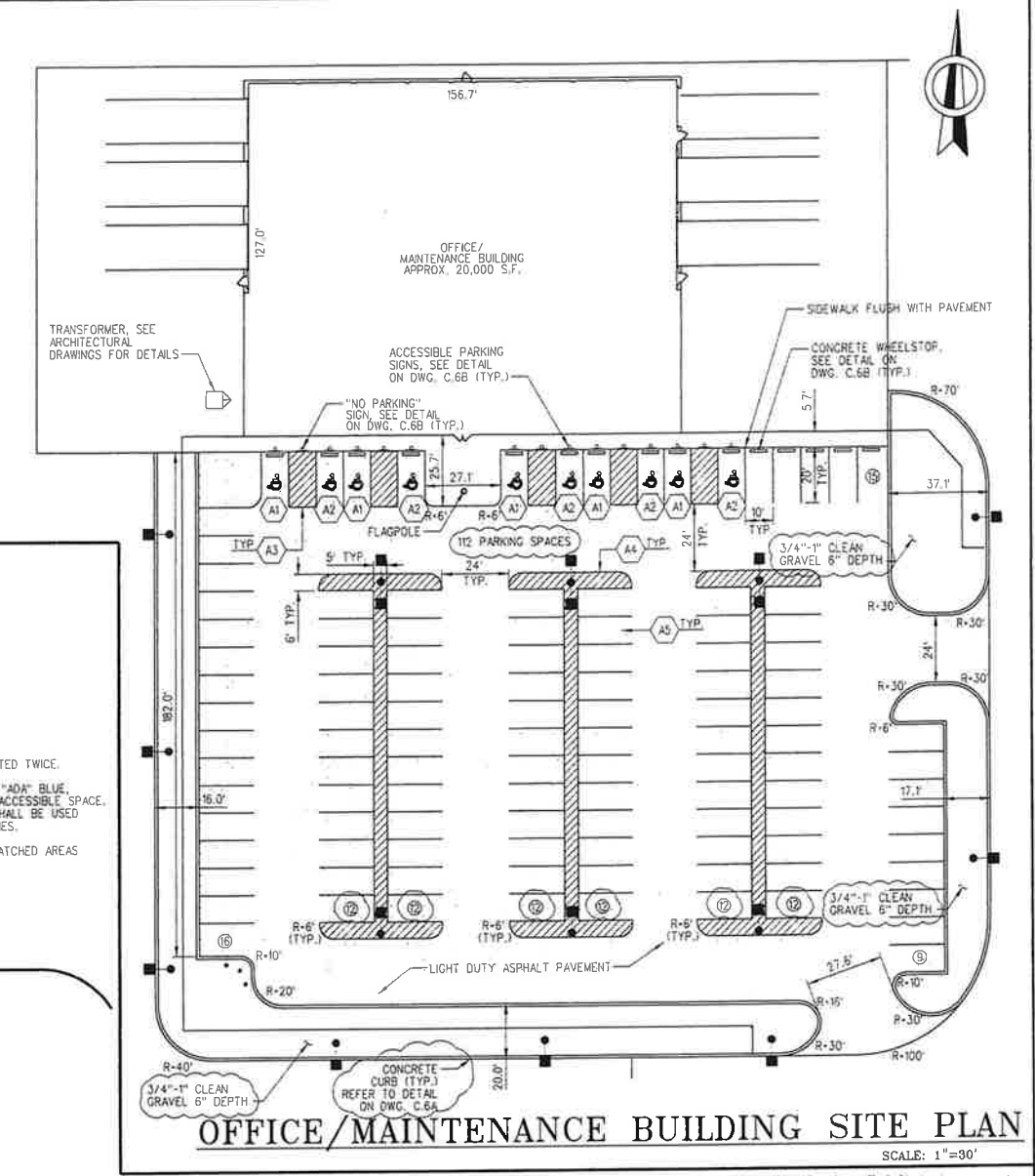
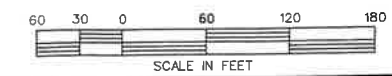
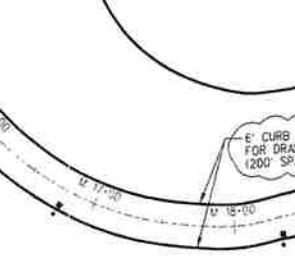
P.C. STA. = M 14+34.48
N = 58533.67
E = 2121927.37
P.T. STA. = M 19+28.86
N = 585165.79
E = 2122321.28
P.L. N = 584893.44
E = 2121974.95
Δ = 125° 53' 40" LT.
R = 225'
D = 25° 27' 53"
L = 494.39'
T = 440.58'
E = 269.71'

CURVE NO. M-2

P.C. STA. = M 24+29.28
N = 585475.12
E = 2122714.64
P.T. STA. = M 27+79.54
N = 585411.30
E = 2123015.12
P.L. N = 585623.36
E = 2122903.14
Δ = 100° 20' 37" LT.
R = 200'
D = 28° 38' 52"
L = 350.27'
T = 239.81'
E = 112.25'

SITE FEATURE LOCATIONS

NW CORNER SITE	N = 586255.06	E = 2121288.69
NE CORNER SITE	N = 586282.07	E = 2121965.15
SW CORNER SITE	N = 585336.25	E = 2121306.88



OFFICE/MAINTENANCE BUILDING SITE PLAN

SCALE: 1"=30'

BEFORE YOU DIG !!
PENNSYLVANIA ONE CALL SYSTEM, INC.
1-800-242-1776



KEANE FRAC, LP
WAREHOUSE/TRUCK WASH BUILDING AND CHEMICAL WAREHOUSE
U.S. ROUTE 6, CHARLESTON TWP, IOGA COUNTY PA

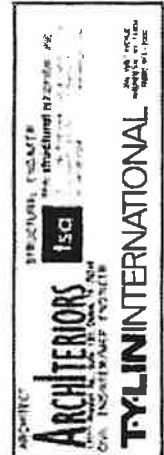
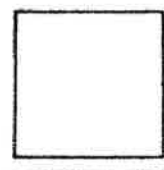
REVISIONS

NO.	DATE	DESCRIPTION
1	1/11/2012	

PROJECT INFO

PROJECT NO.	406162.00
DRAWN BY	HEB
DATE	11/14/11
CHECKED BY	DER
DESIGNED BY	BO, PERMITS AND CONSTRUCTION

C.1A



KEANE FRAC, LP
 WAREHOUSE/TRUCK WASH BUILDING
 AND CHEMICAL WAREHOUSE
 U.S. ROUTE 6, CHARLESTON TWP., TOGA COUNTY, PA

REVISIONS

PROJECT NO.
 DRAWN BY
 STAFF
 DATE
 11-14-13
 CHECKED BY
 TFM
 SCALE FOR
 PERMIT - B & CONST

SHEET
A1-3.0
 SHEETS

LIFE SAFETY - MAINTENANCE/OFFICES BUILDING

CONSTRUCTION TYPE II-B
 OCCUPANCY MIXED USE - SEPARATED
 MAIN USE OCCUPANCY CLASSIFICATION - S1, 1-STORY
 SEPARATED USE OCCUPANCY CLASSIFICATION - B, 2-STORY
 UNSEPARATED USE OCCUPANCY CLASSIFICATION - AT 10 B
 PER 402.4 OCCUPANCY "B" TO "S-1"
 IS A - NO SEPARATION REQUIRED
 NOT APPLICABLE

S1 - ALLOWABLE AREA CALCULATION PER 503
 $A_0 = (A_1 + A_2) \cdot 75 + (A_3 + A_4) \cdot 10$
 $A_0 = (17,500 + (17,500 \cdot 33)) + (17,500 \cdot 10)$
 $A_0 = 73,310 \text{ S.F.}$
 ALLOWABLE AREA = 73,310 S.F.
 ACTUAL GROSS AREA = 12,325 S.F.
 FRONTAGE INCREASE PER 503.2 NEEDED FOR SEPARATED USE
 $11 \cdot (17,500 \cdot 0.25) / 30$
 $11 \cdot (3227.5) / 30 = 25130/30$
 833
 SPRINKLER INCREASE PER 503.3 NOT APPLICABLE

B - ALLOWABLE AREA CALCULATION PER 503
 $A_0 = (A_1 + A_2) \cdot 75 + (A_3 + A_4) \cdot 10$
 $A_0 = (25,000 + (25,000 \cdot 21)) + (25,000 \cdot 10)$
 $A_0 = 77,500 \text{ S.F.}$
 ACTUAL GROSS AREA = 16,124 S.F.
 FRONTAGE INCREASE PER 503.2 NEEDED FOR SEPARATED USE
 $11 \cdot (17,500 \cdot 0.25) / 30$
 $11 \cdot (3227.5) / 30 = 25130/30$
 833
 SPRINKLER INCREASE PER 503.3 NOT APPLICABLE

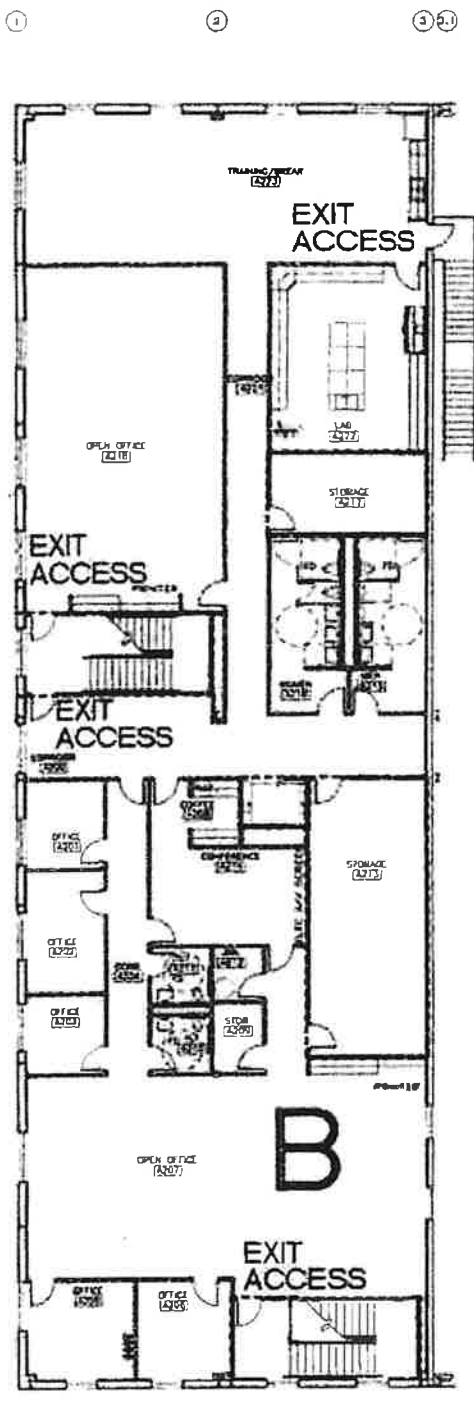
SEC. 503.1.7 AREA DETERMINATION
 $A_0 = 77,500 \text{ S.F.} \cdot (7) \cdot (2) \text{ TWO STORIES} = 55,440 \text{ S.F.}$

SEC. 503.4.2 SEPARATED USE ALLOWABLE AREA CALCULATION

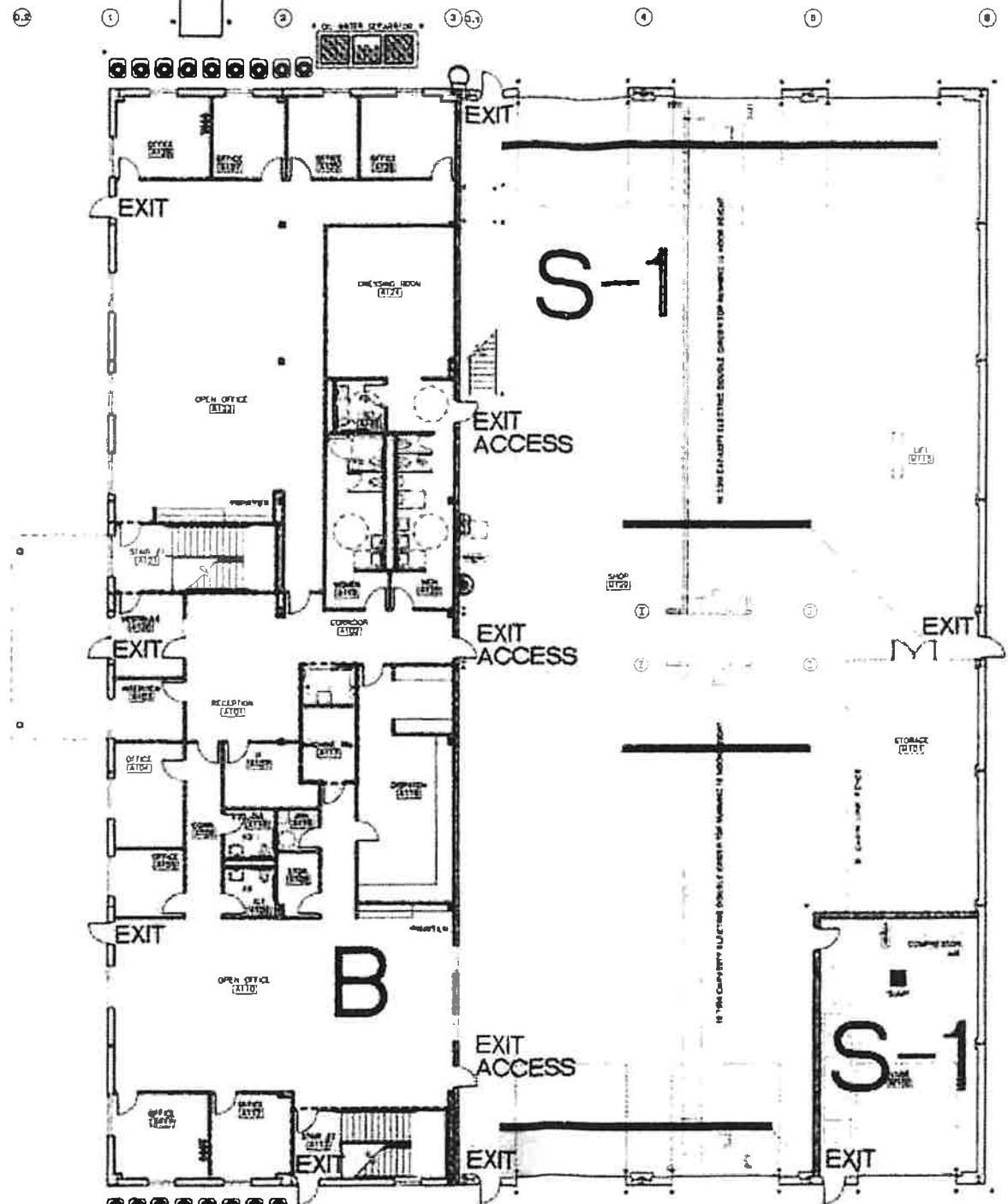
ACTUAL AREA (S-1)	ACTUAL AREA (B)	SHALL NOT EXCEED
12,325 S.F. (S-1)	16,124 S.F. (B)	
73,310 S.F. (S-1)	55,440 S.F. (B)	

BY AREA = 1,400 S.F.
 SEC. 903.1 PORTABLE FIRE EXTINGUISHERS REQUIRED PER 903.1.1 AND 903.1.2
 SEC. 903.1.1 OCCUPANCY "B" THE COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED TO
 SEC. 903.1.2 MIN. SEPARATION DISTANCE OF EXITS = 1/2 THE DISTANCE OF THE DIAGONAL
 BUILDING OR SPACE

TABLE 603.1 - EXIT ACCESS TRAVEL DISTANCE
 OCCUPANCY B 1 1/2 - PER TRAVEL DISTANCE = 300'-0" FROM FLOOR LEVEL PER 603.1.1



LEVEL 2

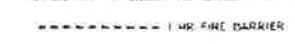


LEVEL 1

01 MAINTENANCE/OFFICES LIFE SAFETY PLAN
 SCALE: 1/8" = 1'-0"



LEGEND:



EGRESS CALCULATIONS

OCCUPANCY	AREA DESIGNATION	AREA	AREA/OCCUPANT	OCCUPANT'S COMPUTATION	TOTAL OCC. LOAD	MIN. EXIT WIDTH	MIN. EXIT WIDTH PER TABLE 10B.1	MIN. EXIT WIDTH PER TABLE 10B.1	MIN. EXIT WIDTH PER TABLE 10B.1
S-1	SHOP-FITZ	155 GROSS S.F.	140 S.F. GROSS	23	40	75	24	2	
S-1	LABORATORY-FITZ	230 GROSS S.F.	160 S.F. GROSS	3	0	3	24	1	
B-1	TRAINING/BREAK-4223	99 NET S.F.	4 S.F. NET	6	5	16	24	1	
B-2	CONFERENCE-4224	272 NET S.F.	6 S.F. NET	19	1	20	24	1	
B	OFFICE-4225	443 NET S.F.	60 S.F. GROSS	4	2	4	24	1	
RETURNING TO OCCUPANCY LOAD					48				
TOTAL OCCUPANCY LOAD					213				

New York, AC +/-

