



ENGINEERS CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS

NOWAK & FRAUS ENGINEERS 46777 WOODWARD AVE. PONTIAC, MI 48342-5032 TEL (248) 332-7931

FAX. (248) 332-8257

-- Existing San. Clean out - EXISTING WATER MAIN EXISTING STORM SEWER EX. R.Y. CATCH BASIN - EXISTING BURGED CABLES UTILITY POLE GUY POLE OVERHEAD LINES LIGHT POLE

> PROJECT ADCO Circuits 2868 Bond Street

LEGEND

HYDRANT GATE VALVE

33

LEGAL DESCRIPTION
THE NORTH SO REIT OF LOT S, ALL OF LOTS 9 AND 10 OF "ANON IECH PARK",
SIBL, BERNG A PART OF THE SOUTHWEST K OF SECTION 23, TOWN 5 M., RANGE 11
E. ROGE-STEP HELS, OAKLADD COUNTY, MICHONY, AS RECORDED IN LIBER 184,
PAGES 37-40 OF PAILS, OAKNAD COUNTY, MICHONY, AS RECORDED IN LIBER 184,

EXISTING GAS MAIN

TOPO NOTES

ALL ELEVATIONS ARE EXISTING ELEVATIONS. UTILITY LOCATIONS WERE OFFICINED FROM MUNICIPAL OFFICIALS AND RECORDS OF UTILITY COMPANIES, AND NO GUARANTEE CAN SE MADE TO THE COMPLETENESS, OR EXACTINESS OF LOCATION.

THIS SURVEY MAY NOT SHOW ALL EASEMENTS OF RECORD UNLESS AN UPDATED TITLE POLICY IS FURNISHED TO THE SURVEYOR BY THE OWNER

TREE INVENTORY LIST

Tree S	Botanical Name	Common Name	Din.	Cond.	Commonts
1	Pices pungents	Colorado Blue Spruce	15	Good	
_ <u>ź</u>	Malus spp.	Crabapple upp.	6	Good	
3	Malus spp.	Crabappie spp.	8	Good	
	Acer platanoides	Norway Maple	:13	Good	Tar spot folier disease
5	Mariate app	Crabapple app.	9	Good	
6	Pices purgans	Colorado Blue Sprupe	10	Good	
7	Majus spp	Craboppie spp.	:9	Good	Some girdling roots
8	Picox abies	Norway Spruce	12	Good	
9	Pices abes	Horsey Spring	112	Good	
tO	Ager Ribition	Red Maple	3.5	Good	
11	Pices purgens	Colorada Blue Spruce	9	Good	
12	Pices abies	Norway Spruce	11	Fair	Some cytosphora canker disease suspec
13	Acer (dbrutti	Red Maple	3	Good	Some small fruit injuries
14	Acer sanum	Red Maple	3.5	Good	1
15	Acer Ribrum	Red Maple	3	Good	
16	Acer rubrum	Red Maple	3	Good	
17	Асег гарит	Red Maple	3.5	.Good	
18	Acer rubrum	Red Maple	:3	Good	
19	Ager rubtura	Red Maple	2	Poor	Terminal leader is dead
30	Acer Rango	Red Maple	4	Good	
Good	m Description Motes: - no observed structur				and additional to the second
		s, marginal form, some in		inety note	- 0.
Poor" -	major structural defec	la, poor form, insect infes	led	-	1

ADCO Circuits 2868 Bond Street Rochester Hills, MI 48309

Tel: 248.829-4666

PROJECT LOCATION Part of the Southwest 1/4 of Section 29 T. 3 North, R. 11 East City of Rochester Hills, Oakland County, Michigan

SHEET Topographic and Tree



A. Wiseman DESIGNED BY: APPROVED BY: P. Williams

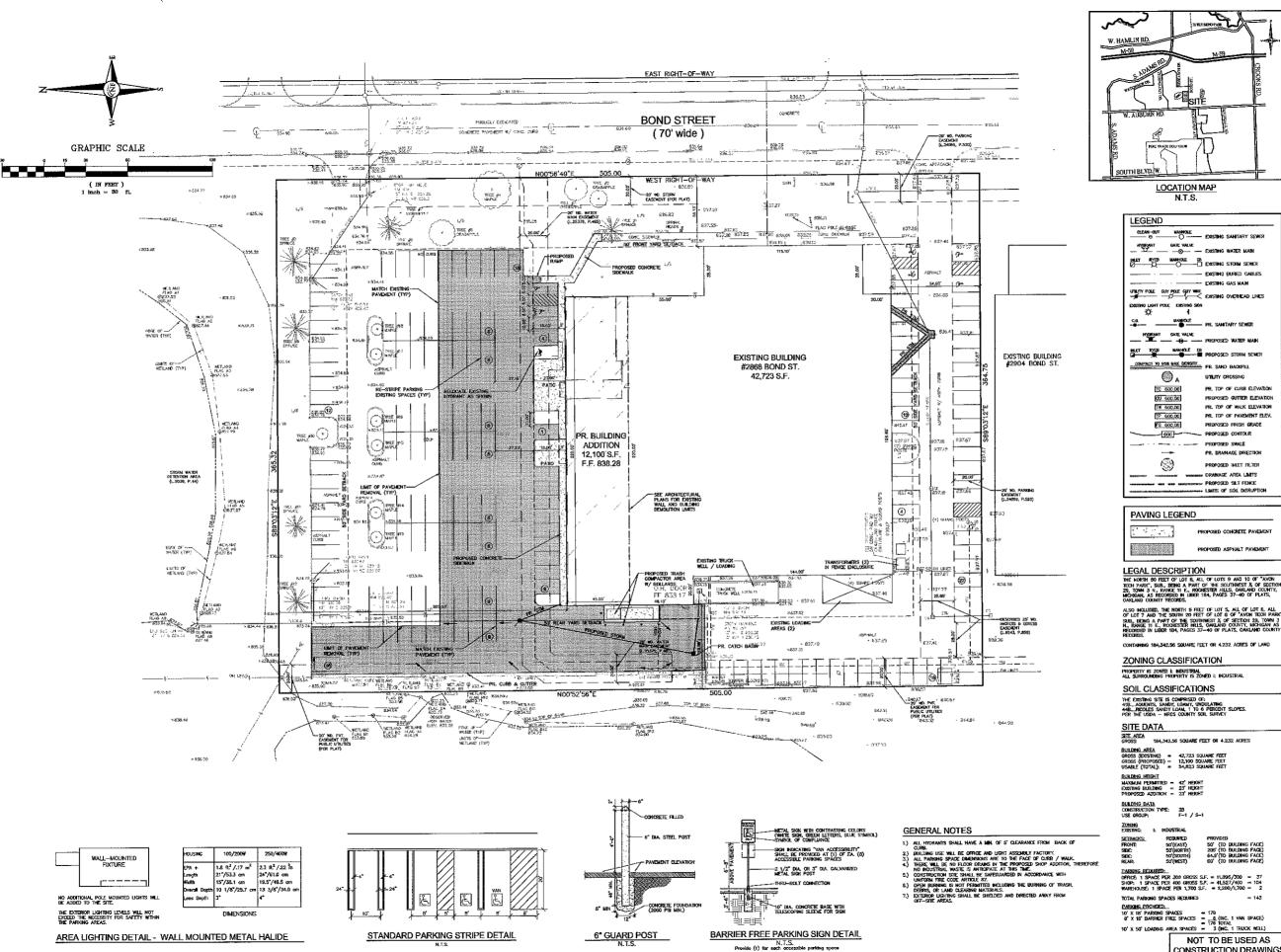
DRAWN BY:

12-20-11 1'' = 30'

NFE JOB NO. C035-01 SHEET NO.

SP-1

NOT TO BE USED AS CONSTRUCTION DRAWINGS





COMPACT TO 95% MAX DENSITY PR. SAND BACKFILL

PROPOSED SWALE

UTILITY CROSSING

PR, TOP OF CURB ELEVATION

PROPOSED GUTTER ELEVATION

PR. TOP OF WALK ELEVATION

PR. TOP OF PAVEMENT SLEV.

PROPOSED FINISH GRADE

PR. DRAMAGE DIRECTION

PROPOSED INLET FILTER

PROPOSED SLT FENCE

PROPOSED ASPHALT PAVEMEN

DRAWAGE AREA LIMITS

... PROPOSED CONTOUR

(A

TC 600.00

GU 600.00

TP 600.00

FG 600.00

600

(3)

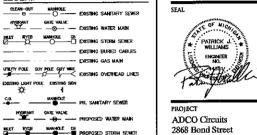
PAVING LEGEND

LEGEND

LAND SURVEYORS LAND PLANNERS NOWAK & FRAUS ENGINEERS 46777 WOODWARD AVE. PONTIAC, MI 48342-5032 TEL (248) 332-7931

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ENGINEERS CIVIL ENGINEERS



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Archie Damman Tel: 248.829-4666

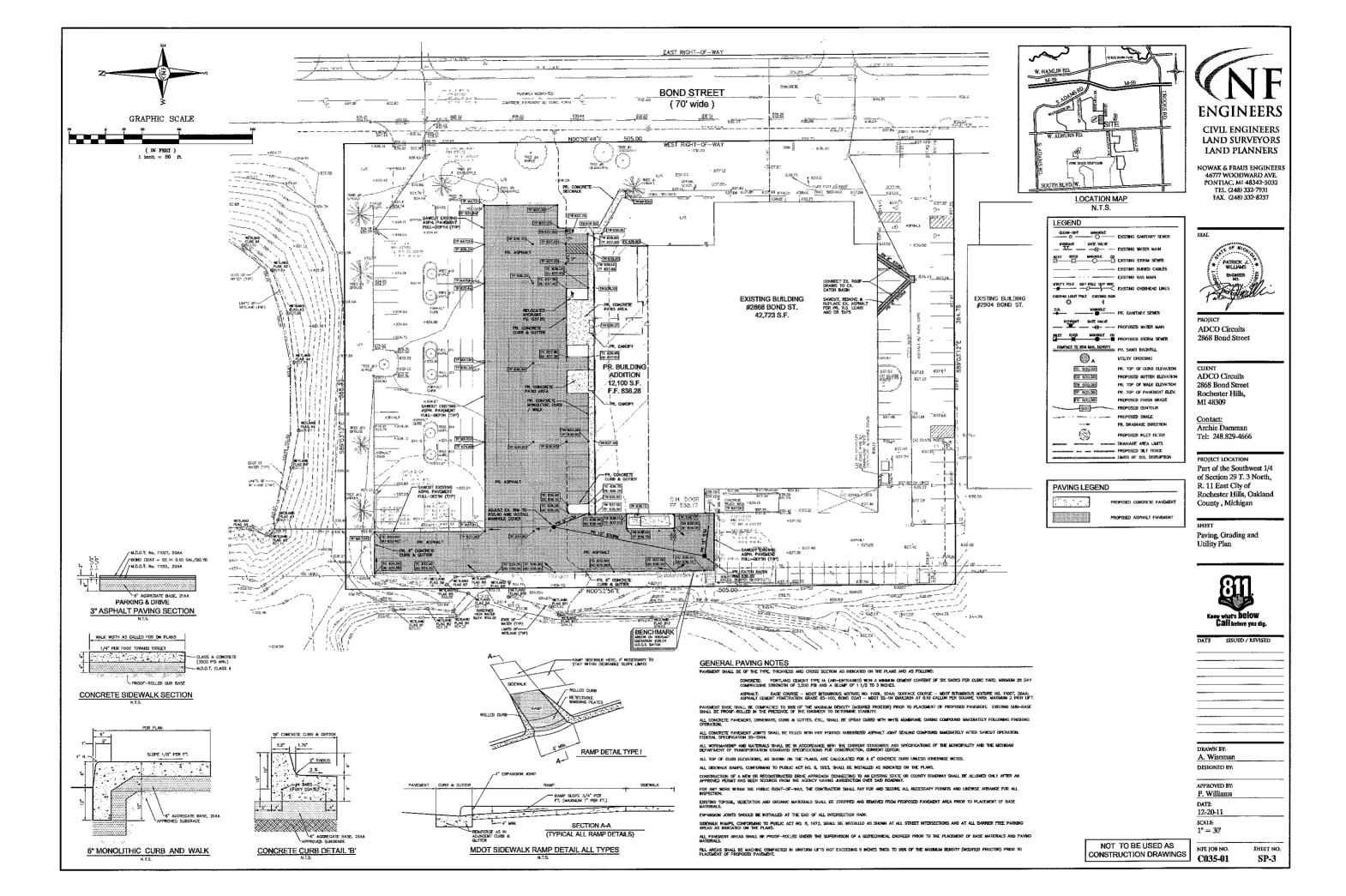
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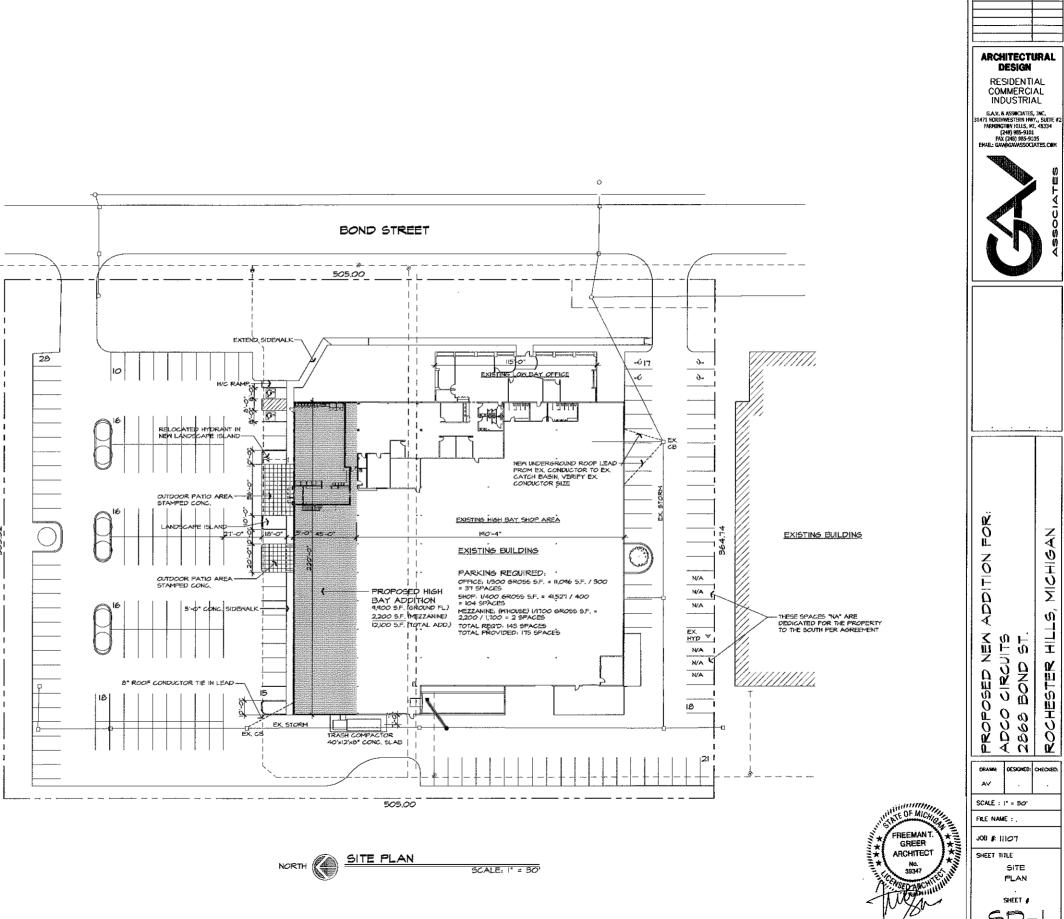
448RIDDLES SANDY LOAM, 1 TO 6 PERCENT SLOPES. PER THE USDA — NRCS COUNTY SOIL SURVEY	
SITE DATA	-
SITE AREA GROSS: 184,342.56 SQUARE FEET OR 4.232 ACRES	
BUILDING AREA	
GROSS (EXISTING) = 42,723 SQUARE FEET	
GROSS (PROPOSED) = 12,100 SQUARE PEET	
USABLE (TOTAL): = 54,823 SQUARE FEET	
BUILDING HEIGHT	
MAXIMUM PERMITTED = 42" HEIGHT	
EXISTING BUILDING = 23 HEICHT	
PROPOSED ADDITION = 23" HEIGHT	
BULLDING DATA	
CONSTRUCTION TYPE: 2B	-
USE GROUP: F1 / S-1	
ZON NG	DRAWI
EXISTING: I: INDUSTRIAL	
	A. W
SETBACKS: REQUIRED PROVIDED	
FRONT: 50'(EAST) 50' (TO BUILDING FACE) SIDF: 50'(HORTH) 205' (TO BUILDING FACE)	DESIG
SIDE: 50'(NORTH) 285' (TO BUILDING FACE) SIDE: 50'(SDUTH) 64.9' (TO BUILDING FACE)	
REAR: 50'(WEST) 60' (TO BUILDING FACE)	
	APPRO
PARKING REQUIRED:	D 337
OFFICE: 1 SPACE PER 300 GROSS S.F. = 11,096/300 = 37 SHOP: 1 SPACE PER 400 GROSS S.F. = 41,527/400 = 104	P. Wi
SHOP: 1 SPACE PER 400 GROSS S.F. = 41,527/400 = 104 WAREHOUSE: 1 SPACE PER 1,700 S.F. = 2,200/1,700 = 2	DATE:
	-
TOTAL PARKING SPACES REQUIRED = 143	12-20
PARKING PROVIDED:	
10" X 18" PARKING SPACES = 178	SCALE:
8' X 18' BARRIER FREE SPACES =	1" = 3
= 176 TOTAL	
10' X 50' LOADING AREA SPACES = 3 (INC. 1 TRUCK WELL)	
NOT TO BE USED AS	NFE JO
CONSTRUCTION DRAWINGS	C10.24
CONSTRUCTION DIVAMINOS	C03.

2868 Bond Street

General Site Plan

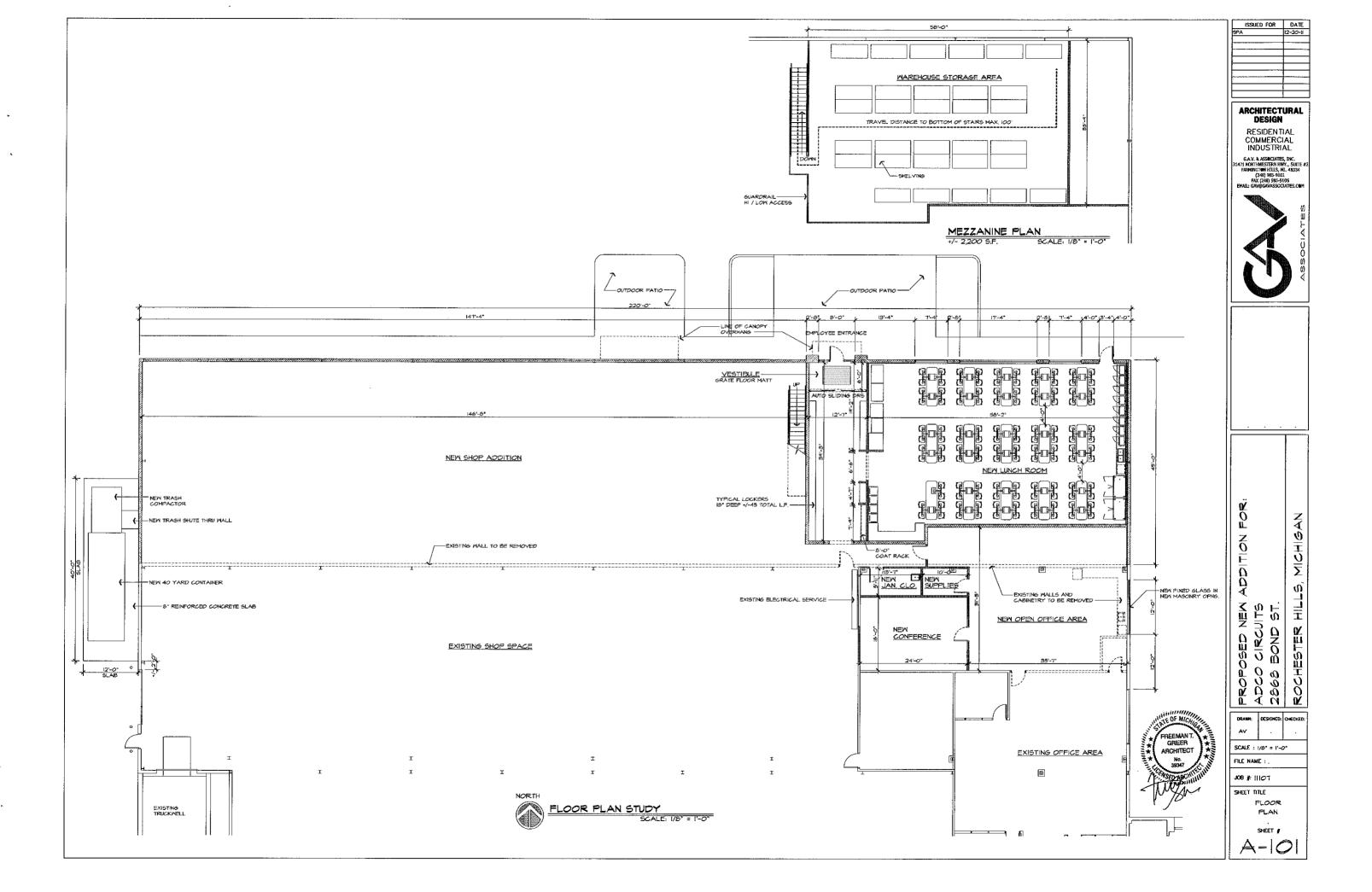
Call before you dig.		
DATE	ISSUED / REVISED	
	<u> </u>	
DRAWN	BY:	
A. Wi	eman	
A. Wis	-	
DESIGN	ED BY:	
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DESIGN APPROV P. Will DATE:	ED BY: ED BY: liams	
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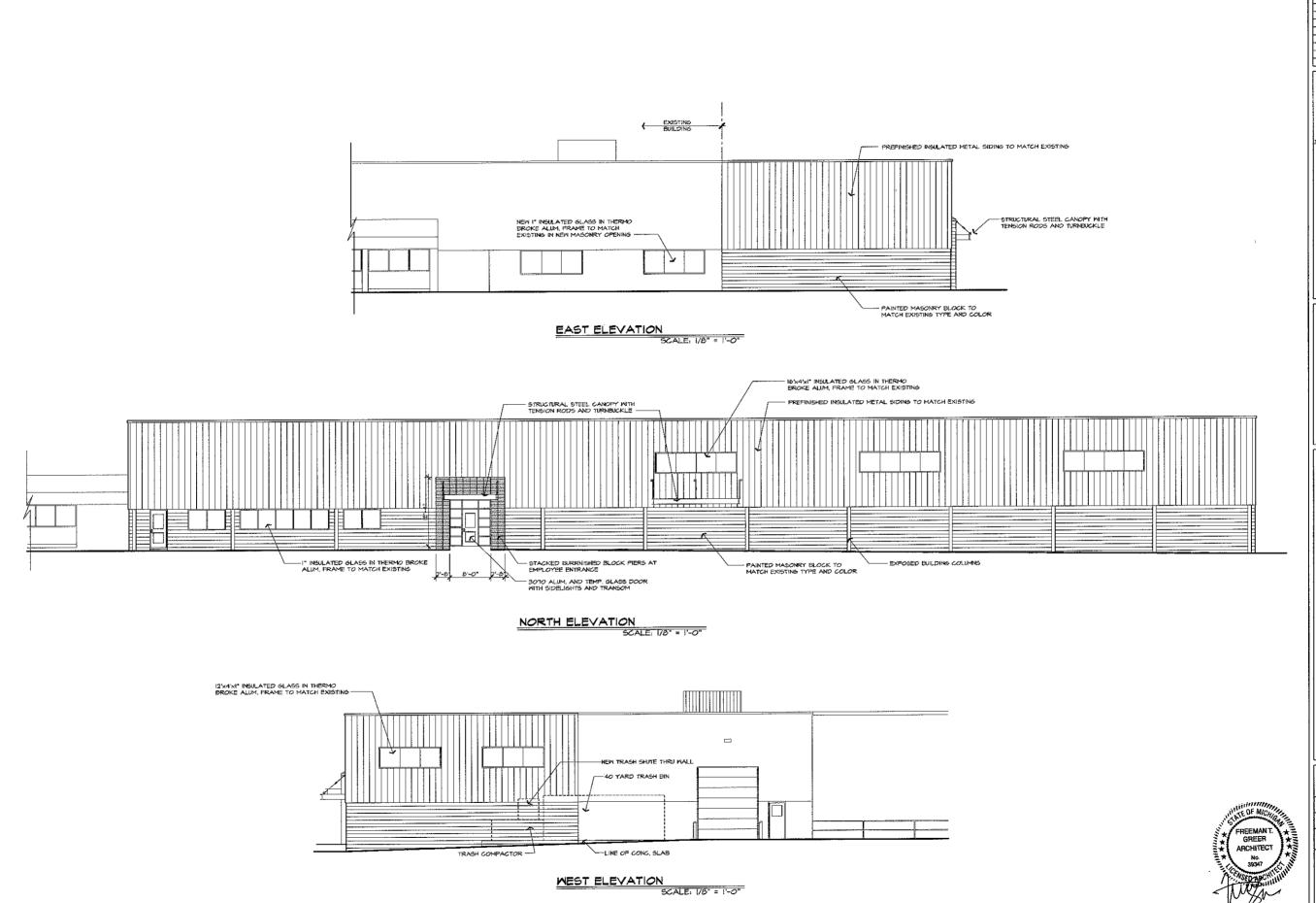




SD-

ISSUED FOR DATE





ISSUED FOR DATE 12-12-II

ARCHITECTURAL DESIGN

RESIDENTIAL COMMERCIAL INDUSTRIAL

G.A.V. & ASSOCIATES, INC. 1471 NORTHWESTERN HWY., SUITE #1 FARMINSTON HILLS, ML 48334 (248) 985-9101 FAX (248) 985-9105 ENAIL: GAV@GAVASSOCIATES, COM



ADDITION PROPOSED NEW ADCO CIRCUITS 2868 BOND ST.
ROCHESTER HILL

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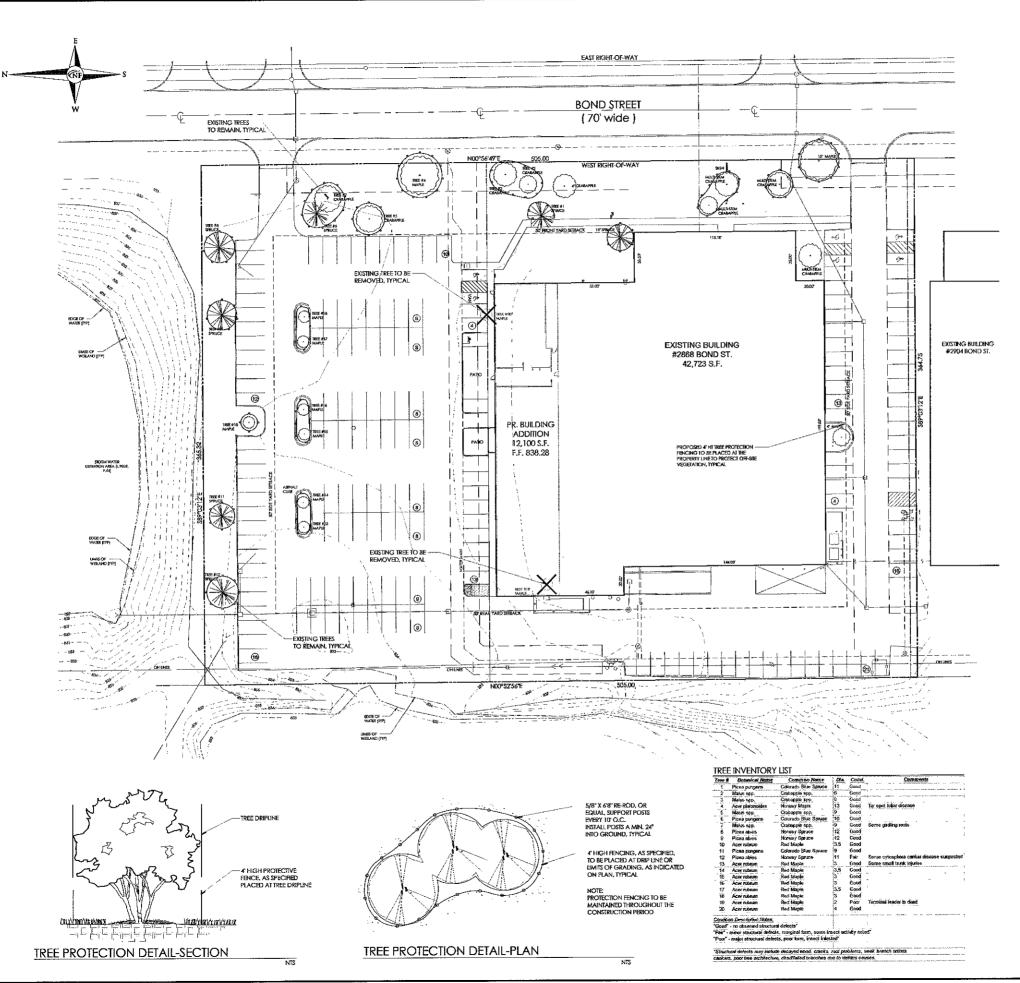
DESIGNED: CHECKED SCALE : 1/8" = 1'-0" FILE NAME : . J08 #: 11107

DRAWN;

SHEET TITLE

EXTERIOR ELEVATIONS

SHEET #





LOCATION MAP

TREE PROTECTION LEGEND

EXISTING TREES TO REMAIN



EXISTING TREES TO BE REMOVED PROPOSED TREE PROTECTION FENCING



GENERAL TREE PROTECTION NOTES

- GENERAL TREE PROTECTION NOTES

 1. APPROVED TREE PROTECTION SHALL BE BRECTED PROOF TO THE START
 OF CONSTRUCTION ACCUMINES, AND SHALL BEARMIN PLACE BUYING.

 2. SHALL BE PROSESSY OS.

 3. MO PERSON MAY COMDULE AND SHALL BEARMIN PLACE BUYING.

 3. MO PERSON MAY COMDULE AND A CAMITY WHICH THE DRIP BUR OF ANY
 TIRE DESCRATED TO BEAMAN, INCLUDING BUY NOT LIMITED TO, PLACING
 SOLVENIS, BURDING MARTERIALS, CONSTRUCTION BEAMAN, THE FENCING SHALL BE
 WITHIN THE DRIP UNE.

 4. WHICH CONTROL OF THESE ARE TO BEHAME, THEE FENCING SHALL BE
 WITHIN THE DRIP UNE.

 5. DURING CONSTRUCTION, NO PRESION SHALL ATLACH ANY DEVICE OR WIRE
 TO ANY TIES SCHEDULED TO BEAMAN.

 6. ALL BUILDIN'S CHARLES MAST BE ANDIDED. ALL TEXNOSHING SHALL

 6. ALL BUILDIN'S SERVICE REQUISTS AMEST INSLIDE HOSTIFICATION TO THE
 BUSTALLE THAT PROTECTED THESE MAST BE ANDIDED. ALL TEXNOSHING SHALL

 6. ALL BUILDIN'S SERVICE REQUISTS AMEST INSLIDE HOSTIFICATION TO THE
 BUSTALLE THAT PROTECTED THESE MAST BE ANDIDED. ALL TEXNOSHING SHALL

 6. ALL BUILDIN'S SERVICE REGULES AND THE ANDIDED. ALL TEXNOSHING SHALL

 6. ALL BUILDIN'S SERVICE REGULES AND THE ADDRESS THAT MAY BE A PRECIDED BY CONSTRUCTION

 6. THE RESULT OF THE SHALL BE SHALL BE PROCHED BY CONSTRUCTION

 6. ACTIVITIES MAY BE PRODICED.

 7. ROOT ZONES OF PROTECTED THESE SHOULD BE SURROUNDED WHE REGULEY

 7. AREOT ENOUGH OF THE SHALL BE SHALL BE PROCHEMISTED.

 10. THE PROCESSORY OF THE SHALL BE SHALL BE PROCHEMISTED.

 12. ALL TREES TO BE READONED SHALL BE COLD AND THE STALL BE PROCHEMISTED.

 12. ALL TREES TO BE READONED SHALL BE FOR THE SHALL BE PROCHEMISTED.

 13. THE CONTRIBUTION OF BURBERS OF THE SHALL BE PROCHEMISTED.

 14. THE CONTRIBUTION OF BURBERS OF THE SHALL BE PROCHEMISTED.

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 18. THE CONTRIBUTION OF BURBERS OF THE SHALL BE PROCHEMISTED.

 19. THE CONTRIBUTION OF BURBERS OF THE SHALL BE PROCHEMISTED.

 19. THE CONTRIBUTION OF BURBERS OF

TREE PRESERVATION SUMMARY

TOTAL TREES SURVEYED:
TOTAL DEAD TREES CH-STIE
TOTAL OFF-SITE TREES:
TOTAL TREES TO BE SAVED;

NO REGULATED TREES ARE TO BE REMOVED

NOTE:

NO DIGGING GRADING (CUT OR FILL). TRENCHING OR ANY OTHER CONSTRUCTION
OPERATION IS PERMITTED WITHIN THE DRIPLINE OF ANY TREE DESIGNATED FOR PRESERVATION.



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CHENT ADCO Circuits 2868 Bond Street Rochester Hills, MI 48309

Contact: Archie Damman Tel: 248.829-4666

PROJECT LOCATION Part of the Southwest 1/4 of Section 29 T. 3 North, R. 11 East City of Rochester Hills, Oakland County, Michigan

SHEET Tree Preservation Plan

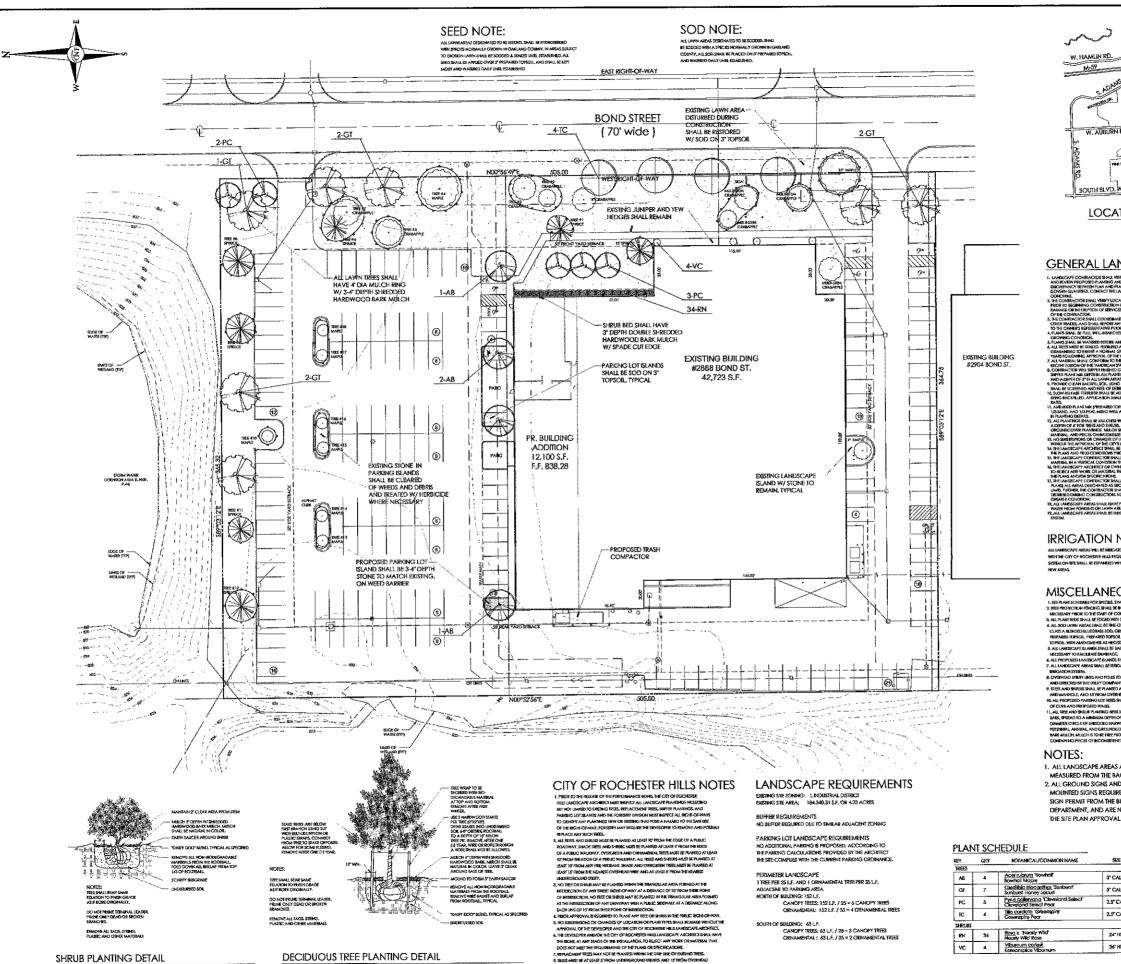
> 811 Know what's below Call before you dig.

DATE ISSUED / REVISE	Г

DRAWN BY:	
DRAWN BY: G. Ostrowski	
DRAWN BY: G. Ostrowski designed by:	
G. Ostrowski Designed by:	- 4 4
G. Ostrowski	
G. Ostrowski Designed by: G. Ostrowski	
G. Ostrowski DESIGNED BY: G. Ostrowski APPROVED BY:	
G. Ostrowski Designed by: G. Ostrowski	
G. Ostrowski Designed by: G. Ostrowski APPROVED by: G. Ostrowski	
G. Ostrowski DESIGNED BY: G. Ostrowski APPROVED BY:	

SHEET NO. NEE IOS NO. C035-01 L-1

SCALE: 1'' = 30'





LOCATION MAP

GENERAL LANDSCAPE NOTES

IRRIGATION NOTE:

ALL LANDISCAPE AREAS WILL BE RISIDATED IN CONFORMANCE WITH THE CITY OF ROCHISTER HILLS REQUIREMENTS, THERDISTRIC STSTEM ON SITE SHALL BE EXPANDED WHITE FEASIBLE TO COVER

MISCELLANEOUS NOTES

 ALL LANDSCAPE AREAS ARE
MEASURED FROM THE BACK OF CURB. 2. ALL GROUND SIGNS AND BLDG MOUNTED SIGNS REQUIRE A SEPARATE SIGN PERMIT FROM THE BUILDING DEPARTMENT, AND ARE NOT PART OF

ŒΥ	QT¥	BOTANICAL/COMMON NAME	SIZE	SPACING	KUUI	COMMENT
TREES						
AE	4	Acertubrum 'Bowhol' Bowholi Mople	2, CVT	SEFLAN	858	FULL MATCHED HEADS
Gĭ	7	Gledifelia triocardhas "Sunburst" Sunburst Honey Locust	2. CVT	SEE PLAN	828	FULL, MATCHED HEADS
PC	5	Pyrus colleryana "Cleveland Select" Cleveland Select Pear	2.5° CAL	SEE PLAN	B&B	FULL, MATCHED HEADS
IC	4	Bia cordata 'Greenspire' Greenspire Pear	2.5°CAL	SEE PLAN	B&B	FULL, MATCHED HEADS
SHRUBS						
RN	34	Rosa x "Nearly Wild" Nearly Wild Rose	24" HT	3.OC	CONT	
νc	4	Viburnum corlesii Koreanspice Viburnum	36" HT	SEE PLAN	688	



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LAND PLANNERS



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Contact: Archie Damman Tel: 248.829-4666

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Landscape Plan



DATE	ISSUED / REVISED
-	
DRAWN BY	
G. Ostro	
G. Ostro	
APPROVED	
G. Ostro	WSK1
DATE: 12-20-11	
SCALE: 1" = 30'	
NFE JOB NO	D. SHEET NO.
C035-0	1 L-2