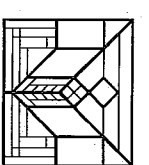


Project:

# A D A M M I

Park Place  
Milwaukee, Wisconsin

 <b>STEPHEN PERRY SMITH ARCHITECTS</b>	1415 N. GOBARNING ROAD MEQUON WISCONSIN 53097 TELEPHONE: 262-576-1579 FACSIMILE: 262-576-1584
<b>PROJECT</b>	
PROPOSED BUILDING FOR:	
<b>A D A M M I</b>	
<b>PARK PLACE</b> MILWAUKEE, WISCONSIN	
<b>OWNER</b>	
<b>LIBERTY</b> PROPERTY TRUST	
1144 W PARK PLACE SUITE 100 MILWAUKEE, WISCONSIN 53224 PH 414-979-0222 FAX 414-979-0221	

**LIBERTY  
AT PARK PLACE**  
MILWAUKEE, WISCONSIN

**SHEET**  
TITLE SHEET

REVISIONS	ITEM	DATE	BY

INFORMATION	
PROJECT ARCHITECT	SPS
DRAWN BY	AJK
PROJECT NUMBER	1PT-01-524
ISSUED FOR MUNICIPAL REVIEW	DATE
	MAY 4, 2001
SHEET NO.	

T1.0

Developed By:  
**LIBERTY PROPERTY TRUST**  
Milwaukee, Wisconsin

Architect:  
**STEPHEN PERRY SMITH ARCHITECTS, INC.**  
Mequon, Wisconsin

**PROJECT INFORMATION**

PROJECT TITLE: ADAMM  
 PROJECT OWNER: LIBERTY PROPERTY TRUST  
 PROJECT ARCHITECT: STEPHEN P. SMITH  
 PROJECT NUMBER: LPT-00-514

**CONTRACTOR**

HINZINGER CONSTRUCTION COMPANY  
 2100 ENTERPRISE AVE.  
 BROOKFIELD, WI 53045  
 TELEPHONE: 262-791-0791  
 FACSIMILE: 262-791-0414

**CONSULTANTS**

**STRUCTURAL ENGINEER**

PH -  
 FAX -  
 CIVIL ENGINEER

STG CONSULTANTS LTD.  
 1425 WEST LAKE PARK DRIVE  
 MILWAUKEE, WI 53224-3075  
 PH: (414) 359-3030  
 FAX (414) 359-0822

**PROJECT DATA**

FLOOR AREA: (BOMA STANDARD)  
 TOTAL AREA APPROX 8000 SF.

**BUILDING CAPACITY:** BASED ON LEASE SPACE AREAS INDICATED, AND 36 SF/PERSON

FLOOR LEASE SPACE AREA OCCUPANT LOAD  
 GROUND FLOOR - SF - PEOPLE

NOTE: ACTUAL OCCUPANT LOAD MAY VARY PER TENANT  
 NOTE: LEASE SPACE - GROSS AREA MINUS COMMON AREAS (CORRIDORS, STAIR SHAFTS, TOILET ROOMS AND MECHANICAL ROOMS/SHAFTS)  
**APPLICABLE CODES:**  
 WISCONSIN COMMERCIAL BUILDING CODE, 1998 EDITION AS ADMINISTERED BY THE STATE OF WISCONSIN, DEPT. OF COMMERCE

**BUILDING CLASSIFICATION:**  
 OFFICE - DEPT. OF COMMERCE CHAPTER 54 (FULLY SPRINKLERED)

**CONSTRUCTION TYPE:**  
 TYPE 8 - WOOD FRAME UNPROTECTED

**NUMBER OF STORIES:**  
 1 STORY

**EXIT WIDTH PROVIDED:**  
 TOTAL STAIR WIDTH REQUIRED:  
 VARIES PER TENANT

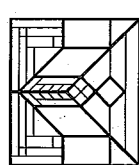
**EXIT DISTANCE ALLOWED:**  
 200 FT. PER CORR 54.02 (4) (b)

**ALLOWABLE AREA:**  
 PER CORR TABLE 54.01.2  
 49,000 SF.

**SANITARY FIXTURE REQUIREMENTS:**  
 FIXTURES VARY PER TENANT REQUIREMENTS.

**DRAWING INDEX**

TID	TITLE SHEET
T11	PROJECT INFORMATION & INDEX
C-1	GRADING PAVING AND EROSION CONTROL
C-2	UTILITY PLAN
C-3	DETAILS AND STORM SEWER COMPUTATIONS
C-4	NOTES AND SPECIFICATIONS
C-5	NOTES AND SPECIFICATIONS
E-1	PROPOSED HYDROLOGY EXHIBIT
L01	LANDSCAPE PLAN
L02	LANDSCAPE SCHEDULE, DETAILS & NOTES
A01	MASTER SITE PLAN
A02	PROJECT SITE PLAN
A03	SITE DETAILS
A11	FLOOR PLAN
A31	ROOF PLAN
A41	ELEVATIONS
A42	ELEVATIONS
A61	WALL SECTIONS AND DETAILS



STEPHEN PERRY SMITH  
 ARCHITECTS

1435 N. CEDARBURG ROAD  
 MADISON, WISCONSIN 53707  
 TELEPHONE: 262-576-1579  
 FACSIMILE: 262-576-1584

**PROJECT**

PROPOSED BUILDING FOR:

**ADAMMMI**

**PARK PLACE**  
 MELVAUKER, WISCONSIN

**OWNER**

**LIBERTY**  
 PROPERTY TRUST

1144 W PARK PLACE SUITE 100  
 MELVAUKER, WISCONSIN 53224  
 PH 414-979-0222  
 FAX 414-979-0221

**LIBERTY**  
**AT PARK PLACE**  
 MELVAUKER, WISCONSIN

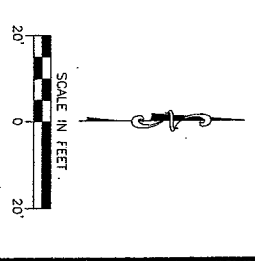
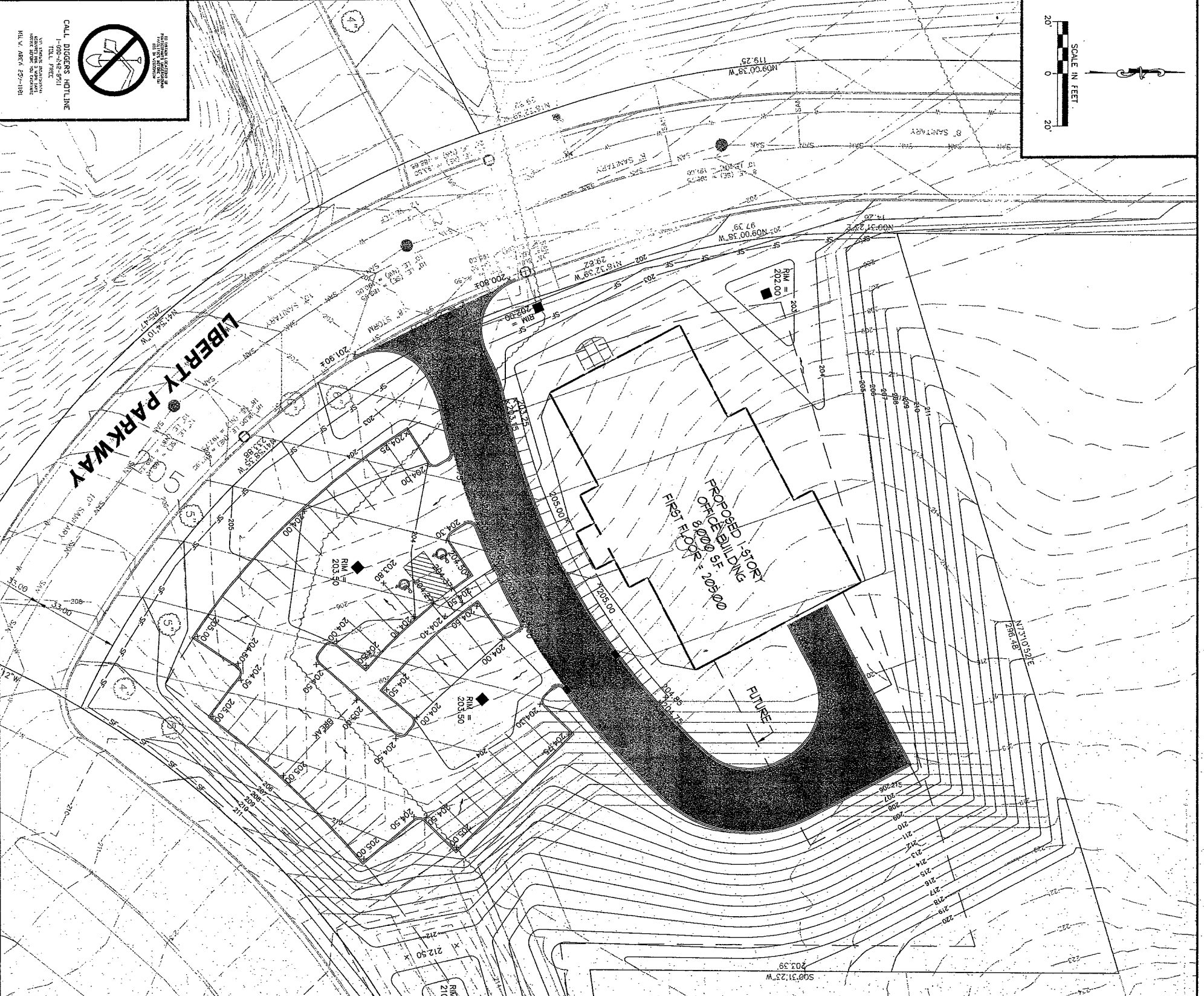
**SHEET**

PROJECT INFORMATION

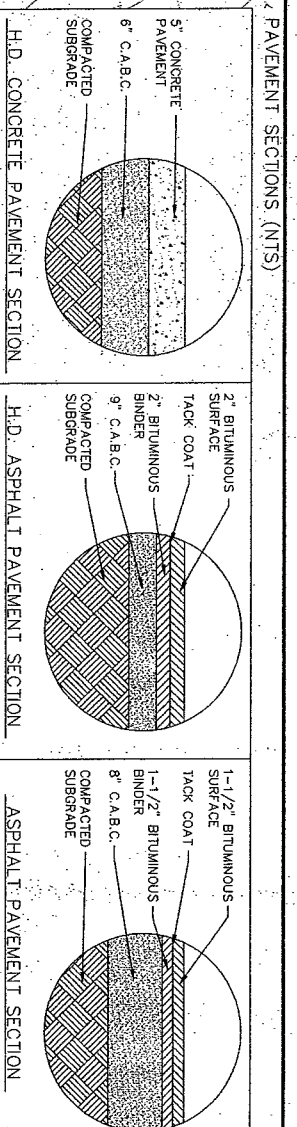
REVISIONS	ITEM	DATE	BY

**INFORMATION**

PROJECT ARCHITECT	SPS
DRAWN BY	AIK
PROJECT NUMBER	LPT-01-524
ISSUED FOR MUNICIPAL REVIEW	
DATE	MAY 4, 2001
SHEET NO.	



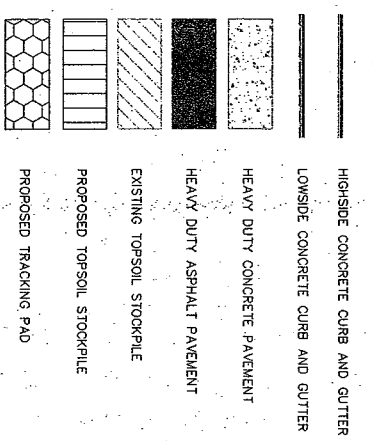
CALL DIGGERS AHEAD LINE  
 1-800-4-A-ROOT  
 1-800-4-ROOT  
 1-800-4-ROOT  
 1-800-4-ROOT  
 1-800-4-ROOT  
 1-800-4-ROOT



- INDEX OF SHEETS**
- C-1 GRADING PAVING & EROSION CONTROL
  - C-2 UTILITY PLAN
  - C-3 DETAILS AND STORM SEWER COMPUTATIONS
  - C-4 NOTES AND SPECIFICATIONS
  - C-5 NOTES AND SPECIFICATIONS

NOTE:  
 1. SEE ARCHITECTURAL PLANS FOR DIMENSIONS AND BUILDING DETAILS.

THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS THEY MAY BE NECESSARY TO AVOID DAMAGE THEREOF.



**LEGEND**

- ST - PROPOSED STORM SEWER
  - W - PROPOSED SANITARY SEWER
  - W - PROPOSED WATER
  - W - PROPOSED FIBER OPTIC
  - W - PROPOSED SANITARY SEWER
  - W - PROPOSED STORM SEWER
  - W - WATER
  - E - ELECTRIC
  - G - GAS
  - M - METER
  - S - SANITARY
  - ST - STORM
  - T - TELEPHONE
  - U - UNKNOWN
  - W - WATER
- 1" x 24" IRON PIPE
  - LIGHT
  - MANHOLE
  - CATCH BASIN SQUARE
  - CATCH BASIN ROUND
  - SIGN
  - POWER POLE
  - TRANSFORMER
  - SIGNAL BOX
  - CONCRETE POST
  - GAS VALVE
  - WATER VALVE
  - HYDRANT
  - TELEPHONE POLE
- INDICATES TYPE
  - C - COMMUNICATIONS
  - E - ELECTRIC
  - G - GAS
  - M - METER
  - S - SANITARY
  - ST - STORM
  - T - TELEPHONE
  - U - UNKNOWN
  - W - WATER
- PROPOSED STORM MANHOLE OR CATCH BASIN NUMBER
  - PROPOSED WATER VALVE
  - PROPOSED HYDRANT
  - PROPOSED STORM CATCH BASIN WITH INLET GRATE SCREEN
  - PROPOSED STORM MANHOLE

ISSUED FOR REVIEW

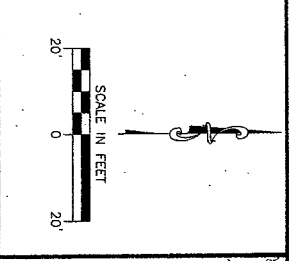
**GRADING, PAVING AND EROSION CONTROL  
 ADAMM  
 LIBERTY PROPERTY TRUST  
 MILWAUKEE, WI**



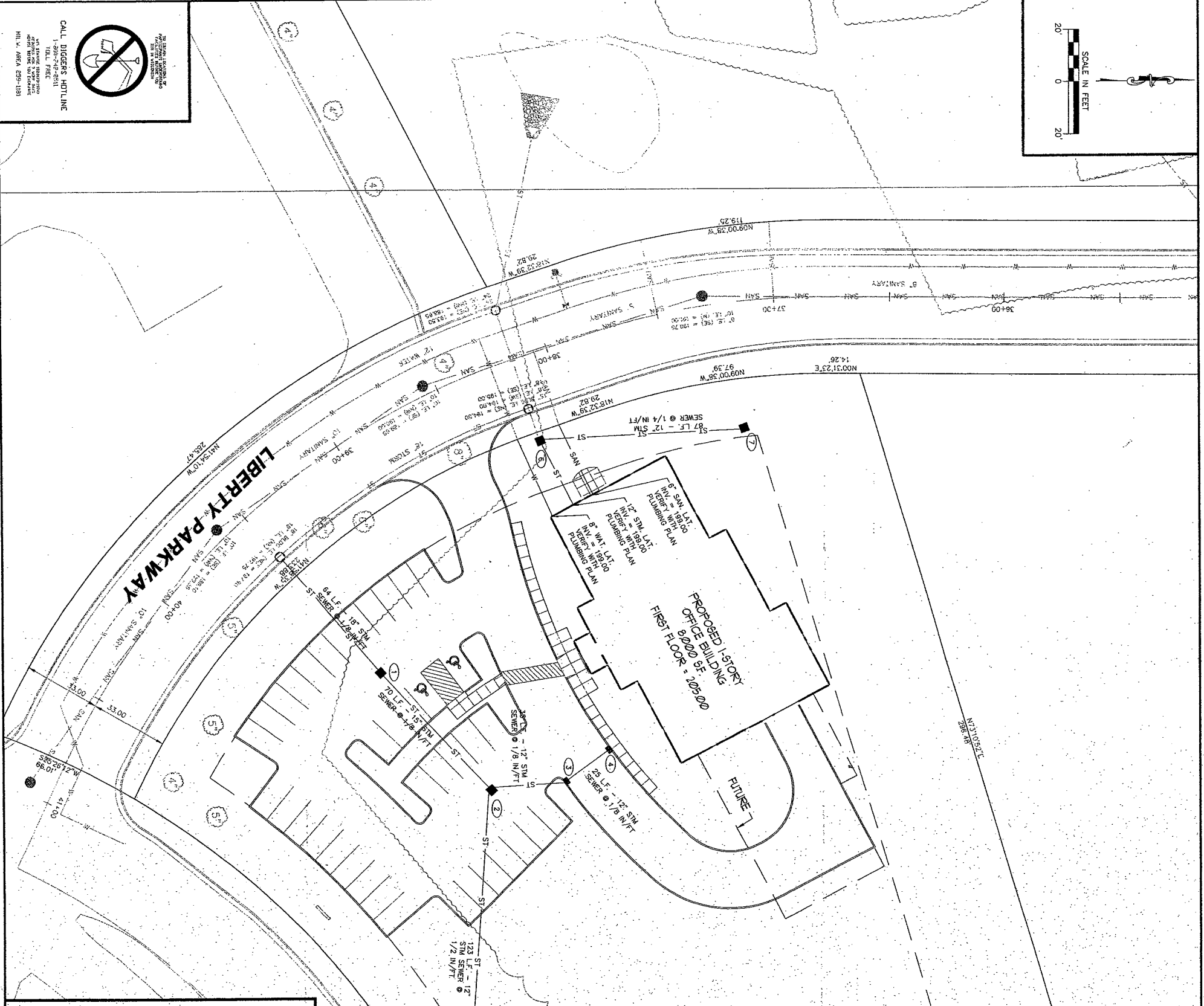
STS Consultants, Ltd.  
 Consulting Engineers  
 11425 West Lake Park Drive  
 Milwaukee, WI 53224-3030  
 414.358.3030

DESIGNED BY	JSK	DATE	4/09/01
DRAWN BY	JSK	DATE	4/09/01
APPROVED BY	RKW	DATE	4/09/01
CADFILE	W:\058693\dwg\86693001.dwg		
XREF	W:\86693\dwg\???.dwg		
LMAN	Jay		

REVISION NO.	DESCRIPTION	DATE	BY



**CALL DIGGERS HOTLINE**  
 1-800-4-A-ROOT  
 1-800-4-2-ROOT  
 1-800-4-3-ROOT  
 1-800-4-4-ROOT  
 1-800-4-5-ROOT  
 1-800-4-6-ROOT  
 1-800-4-7-ROOT  
 1-800-4-8-ROOT  
 1-800-4-9-ROOT  
 1-800-4-0-ROOT  
 1-800-4-1-ROOT  
 1-800-4-2-ROOT  
 1-800-4-3-ROOT  
 1-800-4-4-ROOT  
 1-800-4-5-ROOT  
 1-800-4-6-ROOT  
 1-800-4-7-ROOT  
 1-800-4-8-ROOT  
 1-800-4-9-ROOT  
 1-800-4-0-ROOT  
 1-800-4-1-ROOT



**LEGEND**

ST	PROPOSED STORM SEWER	○	1" x 24" IRON PIPE
ST	PROPOSED SANITARY SEWER	○	LIGHT
W	PROPOSED WATER	○	MANHOLE
FIB	FIBER OPTIC	○	CATCH BASIN SQUARE
ST	SANITARY SEWER	○	CATCH BASIN ROUND
ST	STORM SEWER	○	SIGN
W	WATER	○	POWER POLE
E	ELECTRIC	○	TRANSFORMER
G	GAS	○	SIGNAL BOX
M	METER	○	CONCRETE POST
S	SANITARY	○	GAS VALVE
ST	STORM	○	WATER VALVE
T	TELEPHONE	○	HYDRANT
U	UNKNOWN	○	TELEPHONE POLE
W	WATER	○	

INDICATES TYPE:  
 C - COMMUNICATIONS  
 E - ELECTRIC  
 G - GAS  
 M - METER  
 S - SANITARY  
 ST - STORM  
 T - TELEPHONE  
 U - UNKNOWN  
 W - WATER

PROPOSED STORM MANHOLE  
 WITH INLET GRATE SCREEN

PROPOSED STORM CATCH BASIN  
 WITH INLET GRATE SCREEN

PROPOSED WATER VALVE

PROPOSED STORM MANHOLE OR  
 CATCH BASIN NUMBER

**NOTE**  
 ALL CONNECTIONS TO EXISTING UTILITIES SHALL BE VERIFIED BY FIELD SURVEY AND CONSTRUCTION OF BUILDING STORM, SANITARY AND WATER SERVICES. SAND INTERCEPTOR OR TRAPPED CATCH BASINS WILL BE INSTALLED AT STRUCTURE NUMBER 1. (SEE DETAIL ON SHEET C-3)

PROPOSED UTILITIES	EX. STORM SEWER	EX. STORM SEWER
18" R.I.D. NO. = 19730	18" R.I.D. NO. = 19730	18" R.I.D. NO. = 19730
CB #1 R.M. = 20330 I.M. = 19327 SUMP = 19327	CB #6 R.M. = 20220 I.M. = 19475 SUMP = 19475	CB #7 R.M. = 20220 I.M. = 19526 SUMP = 19526
CB #2 R.M. = 20330 I.M. = 19380 SUMP = 19380	CB #7 R.M. = 20220 I.M. = 19526 SUMP = 19526	
CB #3 R.M. = 20410 I.M. = 19410 SUMP = 19410		
CB #4 R.M. = 20410 I.M. = 19410 SUMP = 19410		
CB #5 R.M. = 20410 I.M. = 19410 SUMP = 19410		

**ISSUED FOR REVIEW**

SHEET NUMBER  
**C-2**

SCALE  
 1" = 20'

STS PROJECT FILE  
 86693

STS PROJECT NUMBER  
 86693

STS CONSULTANTS, LTD.  
 Consulting Engineers  
 11425 West Lake Park Drive  
 Milwaukee, WI 53224-3023  
 414.588.9300

**UTILITY PLAN**  
**ADAMM**  
**LIBERTY PROPERTY TRUST**  
**MILWAUKEE, WI**

DESIGNED BY JSK	DATE 4/09/01
DRAWN BY JSK	DATE 4/09/01
APPROVED BY RKW	DATE 4/09/01
CADFILE W:\0586693\dwg\86693001.dwg	
XREF W:\86693\dwg\???.dwg	
LMAN jby	

REVISION NO.	DESCRIPTION	DATE	BY

**STS CONSULTANTS, LTD.**

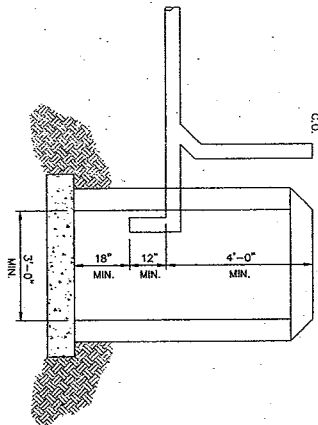
11425 West Lake Park Drive, Milwaukee Wisconsin, 53224-3025 Phone: 414/359-3030 Project Number: 5-86693

**STORM SEWER COMPUTATIONS FOR:**

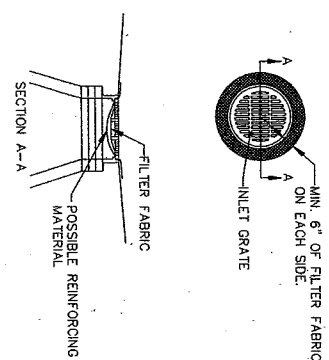
ADAMM

SEWER LOCATION		DRAINAGE AREAS		D.O.C. CONVERSION TO GPM		TOTALS		SEWER DESIGN COMPUTATIONS		TIME IN SEWER		ELEVATIONS		COVER TO CROWN							
Down Stream Manhole	Upstream Manhole	Roof Area (sq. ft.)	Pavement Area (sq. ft.)	Roof Drainage (GPM)	Pavement Drainage (GPM)	Total Drainage (GPM)	Total Length of Sewer (feet)	Pipe Diameter (inches)	Necessary Drop (feet)	Actual Drop (feet)	Slope (ft./ft.)	Part Full Actual Drop (feet)	Pipe Cap. Actual Drop (feet)	Velocity Actual Drop (fps)	Time of Flow in Section (min.)	Total Time (min.)	Upstream M.H. Rim Elevation (feet)	Invert End Elevation (feet)	Lower End Elevation (feet)	Upper End Elevation (feet)	Lower End Depth (feet)
4	3	0	2,246	0	69	70	69	12	0.01	0.28	0.01040	0.13	4.90	2.99	0.16	0.16	204.10	200.42	200.16	200.16	2.84
3	2	0	2,246	0	69	70	69	12	0.01	0.38	0.01040	0.27	4.90	4.01	0.16	0.31	204.10	200.16	199.80	200.16	2.84
2	1	0	36,334	0	349	349	349	123	0.011	5.13	0.04170	0.20	9.80	6.81	0.30	0.30	210.00	204.83	199.80	204.83	3.97
1	EXIST.	0	7,120	0	219	219	219	15	0.09	0.73	0.01040	0.39	8.88	5.67	0.21	0.51	204.10	199.80	199.07	204.10	3.05
7	6	10,460	0	402	0	402	402	172	0.04	0.67	0.01040	0.33	14.44	5.92	0.18	0.18	203.50	198.07	198.40	203.50	2.78
6	EXIST.	0	17,888	0	172	172	172	15	0.28	1.81	0.02080	0.44	12.55	8.46	0.17	0.17	202.00	198.56	194.75	202.00	4.07
0	0	0	1,750	0	17	17	17	18	0.01	0.25	0.02080	0.34	20.42	8.39	0.02	0.19	203.50	194.75	194.50	203.50	7.10
						TOTALS															

Sheet No. 1 of 1  
 Computed By: JSK  
 Date: 24-Apr-01



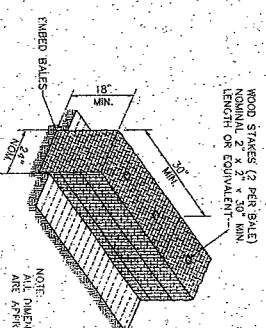
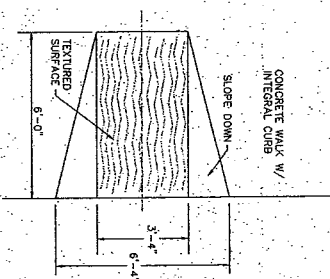
COMBINED CATCH BASIN OR EXTERIOR SAND INTERCEPTOR  
 NOT TO SCALE



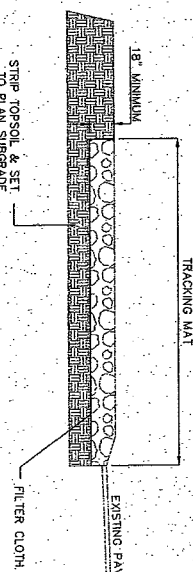
INLET GRATE SCREEN DETAIL  
 NOT TO SCALE

- NOTES:
- REMOVE INLET GRATE AND PLACE A SINGLE SHEET OF FILTER FABRIC ACROSS THE OPENING. THE FABRIC SHOULD EXTEND AT LEAST 6" BEYOND THE INLET OPENING. A REINFORCING MATERIAL MAY BE REQUIRED TO PREVENT SAGGING.
  - SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR ACCUMULATED SEDIMENT INTO INLET WHEN CLEANING OR REPLACING FILTER FABRIC.
  - FILTER FABRIC SHALL HAVE THE FOLLOWING PROPERTIES:
    - GRAB STRENGTH: 200 LBS. (ASTM D-1682)
    - MULLEN BURST: 200 PSI MIN. (ASTM D-5798)
    - EQUIVALENT OPENING SIZE: BETWEEN 50 AND 140 FOR SOILS WITH MORE THAN 15 PERCENT FINER THAN NO. 100 SIEVE.
    - WATER FLOW RATE OF 10 GAL./MIN./SQ. FT. AT 90 MM CONSTANT HEAD (ASTM D-4491)
    - ULTRA VIOLET RADIATION STABILITY OF 80%.
    - IF SUPPORT NETTING IS REQUIRED, NETTING SHALL BE AN INDUSTRIAL POLYPROPYLENE WITH A 3/4 INCH SPACING OR EQUIVALENT.

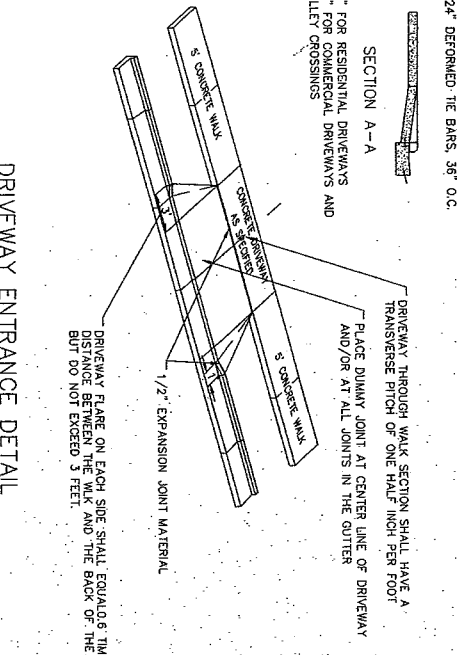
HANDICAP RAMP DETAIL  
 NOT TO SCALE



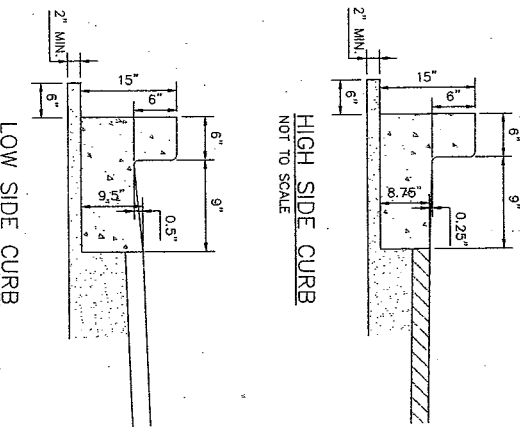
DETAIL OF EROSION BALE INSTALLATION  
 NOT TO SCALE



STONE TRACK PAD DETAIL  
 NOT TO SCALE



DRIVEWAY ENTRANCE DETAIL  
 NOT TO SCALE

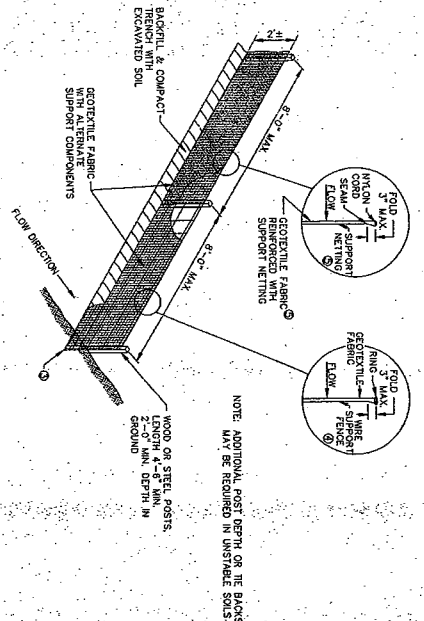


HIGH SIDE CURB  
 NOT TO SCALE

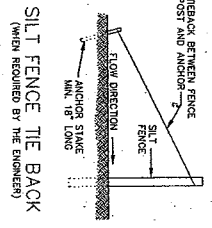
LOW SIDE CURB  
 NOT TO SCALE

**GENERAL NOTES:**

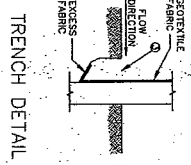
- DETAIL OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
  - WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE WITH THE ENDS POINTING UP-SLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.
  - CROSS BRACE WITH 2" x 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS AS DIRECTED BY THE ENGINEER.
  - MINIMUM 14 GAUGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C-C.
  - EXCAVATE A TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC, FOLD AND EXTENDED SOIL.
  - WIRE SUPPORT FENCE SHALL BE 14 GAUGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6" SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C-C.
  - GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLY-PROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
  - STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM 1/2" DIA. (3/4" DIA. FOR 2" WIDE POSTS) AND 2" DIA. (3" DIA. FOR 4" WIDE POSTS) TO RESIST POST MOVEMENT (ARE REQUIRED) WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIA. OR 1-1/2" x 3-1/2" EXCEPT WOOD POSTS SHALL BE FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1-1/8" x 1-1/8" OAK OR HICKORY.
- ALTERNATIVES A AND B ARE EQUAL AND EITHER MAY BE USED.



SILT FENCING DETAIL



SILT FENCE TIE BACK  
 (WHEN REQUIRED BY THE ENGINEER)



TRENCH DETAIL

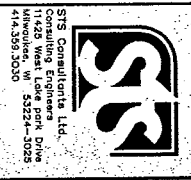
**EROSION CONTROL TRACK PAD GENERAL NOTES:**

- CONTRACTOR SHALL PROVIDE EROSION CONTROL FACILITIES IN ACCORDANCE WITH THE CITY OF MILWAUKEE EROSION CONTROL ORDINANCE AND THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
- USE #2 STONE, MINIMUM 65' LENGTH, MINIMUM 30" WIDTH, MINIMUM 18" THICK.
- FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND/OR REPAIR OF CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PROPER TO ENTERING PUBLIC RIGHT-OF-WAYS WHEN MAINTENANCE IS DONE AN APPROVED SEDIMENT TRAPPING DEVICE.
- ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO A PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.
- ACCESS PERMIT TO PUBLIC ROADS MUST BE OBTAINED PRIOR TO CONSTRUCTION.
- EASEMENTS ARE SHOWN AT APPROXIMATE LOCATIONS.

ISSUED FOR REVIEW

DESIGNED BY	JSK	DATE	4/09/01
DRAWN BY	JSK	DATE	4/09/01
APPROVED BY	RKW	DATE	4/09/01
CADFILE W:\0586693\dwg\86693001.dwg			
XREF W:\86693\dwg\???.dwg			
LMAN	boy		

**DETAILS AND STORM SEWER COMPUTATIONS**  
**ADAMM**  
 LIBERTY PROPERTY TRUST  
 MILWAUKEE, WI



STS CONSULTANTS, LTD.  
 11425 West Lake Park Drive  
 Milwaukee, WI 53224-3025  
 (414)359-3030

STS PROJECT NUMBER  
 86693

SCALE  
 SHEET NUMBER  
**C-3**

**CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS:**

1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICES HANDBOOK (REFERRED TO AS BMP'S). IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THIS HANDBOOK.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS. THE DESIGN AND CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE CONDUCTED TO MEET UNPERSURBED FIELD CONDITIONS IF MODIFICATIONS CONFORM TO BMP'S.
3. INSPECTIONS AND MAINTENANCE OF ALL EROSION CONTROL MEASURES SHALL BE ROUTINE (ONCE PER WEEK MINIMUM) TO ENSURE PROPER FUNCTION OF EROSION CONTROL AT ALL TIMES. EROSION CONTROL MEASURES ARE TO BE IN WORKING ORDER AT THE END OF EACH WORK DAY.
4. INSPECT EROSION CONTROL MEASURES AFTER EACH SIGNIFICANT RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
5. SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.
6. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEEP AND/OR SCRAPPED AT END OF EACH WORKING DAY OR MORE FREQUENTLY TO REMOVE SOIL/DUST TRANSPORTATION.
7. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
  - A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
  - B. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.

**CONSTRUCTION SITE SEQUENCING:**

1. INSTALL THE TEMPORARY TRACKING PADS AND PERMETER EROSION CONTROLS.
2. STRIP TOPSOIL, CONDUCT SITE GRADING OF DRAINAGE SVALES, AND PLACE OF STRUCTURAL FILL.
3. INSTALL STORM SEWER LINES.
4. INSTALL EROSION CONTROLS DOWNSTREAM OF STOCKPILES.
5. COMPLETE FINAL GRADING.
6. PLACE TOPSOIL, ESTABLISH VEGETATION AND COMPLETE LANDSCAPING.
7. REMOVE EROSION CONTROLS.
8. CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

1. CARE SHALL BE TAKEN TO MINIMIZE DOWNSTREAM SITUATION. RAW BANKS SHALL BE SEeded AND MULCHED TO PREVENT EROSION.
2. FILL SHALL CONSIST OF INERT MATERIALS WHICH WILL NOT CAUSE SITUATION NOR CONTAIN SOLUBLE CHEMICALS OR ORGANIC MATTER WHICH IS BIODEGRADABLE. RAW BANKS SHALL BE STABILIZED WITH SEED, FERTILIZER, MULCH AND AN EROSION CONTROL BLANKET, AS NECESSARY TO PREVENT EROSION.
3. IF THE PROJECT OR ANY PORTION, IS STOPPED AND LIES UNCOMPLETED FOR ANY LENGTH OF TIME OTHER THAN THAT ENCOUNTERED IN A NORMAL WORK WEEK, EVERY PRECAUTION SHALL BE TAKEN TO PROVIDE THE UNCOMPLETED WORK FROM EROSION.
4. THE CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL EROSION AND RESIDUAL DEPOSITION FROM OCCURRING OFF THE JOB SITE. THE CONTRACTOR IS ADVISED THAT HE WILL BE RESPONSIBLE FOR ALL EROSION ACTIVITIES AND WILL BE RESPONSIBLE FOR THE COST OF CORRECTING THE PROBLEMS TO THE OWNER'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE.
5. NO SEDIMENT SHALL BE ALLOWED TO ENTER ANY EXISTING STORM SEWER SYSTEM.
6. IN ACCORDANCE WITH THESE CONSTRUCTION PLANS, TEMPORARY SILT FENCE OR STRAW BALES SHALL BE INSTALLED AND MAINTAINED AROUND DISTURBED AREAS UNTIL VEGETATION IS ESTABLISHED AND/OR CONSTRUCTION IS COMPLETE.
7. TOPSOIL STOCKPILES SHALL BE LOCATED TO AVOID EROSION OF SAND STOCKPILE ONTO OFFSITE AREAS, I.E. THE STOCKPILE SHALL BE LOCATED SO THAT AN ONSITE DRAINAGE SWALE IS LOCATED BETWEEN THE STOCKPILE AND THE DOWNSTREAM OFFSITE PROPERTY. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN TWELVE MONTHS, IT IS REQUIRED THAT THE STOCKPILE BE SEED SO AS TO MINIMIZE SOIL EROSION BY BOTH WIND AND WATER.
8. SOIL EROSION CONTROL ITEMS ARE TO BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT.

**TOPSOIL STOCKPILE**

1. All topsoil shall be stockpiled on-site as directed by the Owner.
2. The topsoil stockpile shall be isolated on its low side with erosion control fence.

**SUBGRADE CORRECTION (UNSUITABLE SOIL REMOVAL)**

1. Where authorized by the Resident Project Representative, the Contractor shall remove all unsuitable material to the satisfaction of the Resident Project Representative. If the material contains sufficient organic material, the Contractor shall remove and dispose of at the organic content is not soil. Contractor shall not undercut any areas without specific prior approval of the Owner and Resident Project Representative.
- EXCAVATION**
1. After stripping the vegetation and any organic material from the surface of the areas defined above, the Contractor shall remove all remaining material to the surface of the subgrade. If the material is of sound nature, it shall be used as structural fill in accordance with these specifications.

**STRUCTURAL FILL**

1. All fill under and within 5 feet of pavements and walks shall be structural fill.
2. Unless specifically identified on the plan, the contractor shall assume all fill areas will require structural fill.

**EARTHWORK**

1. WORK UNDER THIS SECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
  - A. CLEANING AND REMOVAL OF ALL UNSAVABLE TREES AND OTHER VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA. THE REMOVAL SHALL BE AS DESIGNATED BY THE OWNER AND SHALL BE KEPT TO A MINIMUM. THE TREES AND BRUSH SHALL BE DISPOSED OFFSITE.
  - B. PLACEMENT AND COMPACTATION OF STRUCTURAL FILL TO THE DESIGN SUBGRADE ELEVATIONS AS REQUIRED BY THE STANDARDS AND DETAILS ON THE CONSTRUCTION PLANS. FINISHED GRADE ELEVATIONS NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS. C/F REQUIRED REMOVAL FROM SITE AND DISPOSAL OF ANY EXCESS OR UNSUITABLE MATERIAL UPON COMPLETION OF GRADING.
  - D. FINAL SHAPING AND TRIMMING TO THE LINES, GRADES AND CROSS-SECTIONS SHOWN IN THESE PLANS.
  - E. SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPROPRIATE GRADING AND FINISHING SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL STRUCTURAL FILL AND SHALL BE RESPONSIBLE FOR THE COST OF ALL STRUCTURAL FILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL STRUCTURAL FILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL STRUCTURAL FILL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL STRUCTURAL FILL.
3. PRIOR TO ONSET OF GRADING OPERATIONS, THE EARTHWORK CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SOIL EROSION CONTROL SPECIFICATIONS.
4. THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE POONDING OF STORMWATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADDED TO ALLOW POSITIVE DRAINAGE.
5. THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADE.
6. THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAYERS SO THAT THE COMPACTED THICKNESS IS APPROXIMATELY SIX INCHES (6"); IF COMPACTOR EQUIPMENT IS UNAVAILABLE, THE ABILITY TO COMPACT GREATER THICKNESSES, THEN A GREATER THICKNESS MAY BE REQUIRED. EACH LAYER SHALL BE THOROUGHLY MIXED DURING SPREADING TO INSURE UNIFORMITY.
7. COMPLETED GRADING (FINISHED FINE GRADE) FOR GROUND ADJACENT TO PROPOSED DRAINAGE STRUCTURE IMPROVEMENTS SHALL BE WITHIN A TOLERANCE OF PLUS OR MINUS 3 INCHES.
8. IF SHOWN ON THE PLANS, OPEN AREAS TO BE SEEDDED SHALL BE SEEDDED IN ACCORDANCE WITH THE SOIL EROSION CONTROL SPECIFICATIONS. ALL VEGETATED AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDDED IN ACCORDANCE WITH THE SOIL EROSION CONTROL SPECIFICATIONS.
9. IT SHALL BE THE RESPONSIBILITY OF THE EXCAVATION CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.
10. ALL SURPLUS EXCAVATED MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATIONS. THE COST OF SOIL DISPOSAL, BOTH ON-SITE AND OFF-SITE IS INCLUDED IN THE LUMP SUM COST FOR EACH STRUCTURE.
11. EXCAVATED SURFACES TWO STEPS TO BE SAFE AND STABLE IF UNSUPPORTED SHALL BE SUPPORTED AS NECESSARY TO SAFEGUARD THE WORK AND WORKMEN, TO PREVENT SLIDING OR SETTLING OF THE ADJACENT AREAS AND TO AVOID DAMAGING EXISTING IMPROVEMENTS. BRACKENING AND OTHER ADVANCE BE INCREASED IF NECESSARY TO PROVIDE SPACE FOR SHELTERING, BRACKENING AND OTHER SUPPORTING INSTALLATIONS. THE CONTRACTOR SHALL FURNISH, PLACE AND SUBSEQUENTLY REMOVE SUCH SUPPORTING INSTALLATIONS.
12. EXCAVATION IN EARTH BEYOND THE SPECIFIED LINES AND GRADES SHALL BE CORRECTED BY FILLING THE RESULTING SUBGRADE FOR THE RIP RAP, ROCK FILL, SAND OR GRAVEL BEDDING, OR THE RIP RAP, ROCK FILL, SAND OR GRAVEL BEDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RIP RAP, ROCK FILL, SAND OR GRAVEL BEDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RIP RAP, ROCK FILL, SAND OR GRAVEL BEDDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RIP RAP, ROCK FILL, SAND OR GRAVEL BEDDING.
13. ANY MATERIALS NEEDING TO BE STOCKPILED FOR LONG PERIODS SHALL RECEIVE PROTECTION FROM EROSION.
14. IF PRESENT, ANY UNSUITABLE SOIL REMOVAL AND DISPOSAL UP TO A DEPTH OF SIX INCHES BELOW THE BOTTOM OF PROPOSED SUBGRADE MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE LUMP SUM COST OF EACH STRUCTURE AND WILL NOT BE PAID FOR SEPARATELY.

**LANDSCAPING**

1. ALL DISTURBED AREAS, THE CONTRACTOR SHALL USE 4 INCHES OF TOPSOIL AS SURFACE DRESSING WITH WMS-DOT SEED MIXTURE NO. 40 AND A SOWING RATE OF FOUR POUNDS PER 1,000 SQUARE FEET. THIS AREA SHALL ALSO BE FERTILIZED AND MULCHED IN ACCORDANCE WITH CURRENT WMS-DOT STANDARDS.
2. TOPSOIL SHALL BE SALVAGED FROM PILES CREATED DURING STRIPPING OPERATIONS.
3. AFTER THE AREAS UPON WHICH THE TOPSOIL IS TO BE PLACED HAVE BEEN FINISHED TO THE REQUIRED LINES, GRADES AND SLOPES, THE TOPSOIL SHALL BE PLACED AND SPREAD TO A UNIFORM DEPTH OF FOUR INCHES AS SHOWN ON THE PLANS.
4. HARROWING OR DISKING OR BOTH WILL BE AS NECESSARY TO ASSIST IN BREAKING DOWN CLODS OR LUMPS AND TO PROVIDE A UNIFORM TEXTURE TO THE SOIL.
5. ALL WORK SHALL BE TRIMMED, SHAPED AND RESTORED TO THE FINISHED GRADE BY MEANS OF GRADERS AND OTHER EQUIPMENT SUPPLEMENTED BY HAND WORK WHERE NECESSARY TO PRODUCE SMOOTH SURFACES AND SLOPES.
6. THE SEEDING OPERATIONS SHALL PROPERLY FOLLOW FINAL GRADING OR TOPSOIL REPLACEMENT TO MINIMIZE EROSION PROBLEMS. ANY RUTS OR GULLIES FRODGED INTO THE SURFACE BETWEEN THE TIME THE AREA IS SHAVED AND WHEN IT IS SEEDDED SHALL BE REPAIRED JUST PRIOR TO THE SEEDING OPERATION.
7. THE SEEDED AREA SHALL BE KEPT PROPERLY WATERED AND THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE AND MAINTAIN A GUARANTEED GROWTH AND TO REPAIR WASHOUTS FOR ONE (1) YEAR AFTER SEEDING OR PLANTING.

**EARTH FILL**

1. The work shall consist of the construction of earth fills to the lines and grades shown on the drawings.
2. Fill materials shall contain no sand, brush, roots, organic materials, or debris.
3. Foundations for earth fill shall be stripped to remove surface irregularities. The moisture content of the earth fill shall be checked and adjusted as necessary to meet the specifications. The moisture content of the earth fill shall be checked and adjusted as necessary to meet the specifications. The moisture content of the earth fill shall be checked and adjusted as necessary to meet the specifications.
4. Subgrade surfaces shall not be steeper than 1 horizontal to 1 vertical unless otherwise specified. Test pits or other devices shall be filled with compacted earth fill conforming to the specifications for the earth fill to be placed upon the subgrade.
5. Fill shall not be placed until the required excavation and subgrade preparation have been completed and the subgrade has been inspected and approved by the Engineer. Fill shall not be placed upon a frozen surface, nor shall snow, ice, or frozen material be incorporated in the fill.
6. Fill shall be placed in approximately horizontal layers. The thickness of each layer before compaction shall not exceed 9 inches. Materials placed by dumping in piles or windrows shall be spread uniformly to not more than the specified thickness before being compacted. Hand compaction shall be used for areas where the thickness of the fill exceeds 9 inches.
7. Adjacent to structures, fill shall be placed in a manner which will prevent damage to the structures and will allow the structure to settle uniformly. The fill shall be placed and compacted in layers. The thickness of each layer shall be as specified. The fill shall be placed and compacted in layers. The thickness of each layer shall be as specified.
8. Verify with Engineer that backfill materials to be used are acceptable. Do not place backfill over wet, frozen, or spongy subgrade surfaces without prior approval from the Engineer.
9. Coordinate backfilling with testing of utilities. Testing of drainage pipes shall be complete before backfilling of trench.
10. The initial lift of backfill placed above pipes shall be 12 inches in thickness.
11. Maintain or adjust moisture content of fill materials placed to facilitate obtaining the required compaction density.
12. Use compactors well suited to the soil type being compacted.
13. Do not backfill around concrete structures until the concrete has achieved a minimum of 75% of required strength as determined by laboratory testing of concrete cylinders. Obtain the Engineer's approval of concrete or other approved equipment that will not damage the structure.
14. During placement and compaction of fill, the moisture content of the materials being placed shall be maintained within the specified range. The application of fill materials shall be accomplished near the excavation site in so far as practicable. The application of fill materials shall be accomplished near the excavation site in so far as practicable.
15. If the top surface of the preceding layer is not in conformance with the specifications, it shall be scarified and moistened to an acceptable moisture content prior to placement of the next layer of fill.
16. Earth fill shall be compacted according to the following requirements:
  - A. Structural Soil Fill shall consist of isotropic soil placed in lifts not to exceed 9 inches in loose thickness and compacted to a minimum of 95 percent of laboratory dry density as determined by ASTM D-1557 modified Proctor Test. The minimum degree of compaction can be reduced to 90 percent in green areas. Structural fill soils shall also be placed within 2 to 4 ft of the optimum moisture content as determined by the modified Proctor test.
  - B. Fill adjacent to structures shall be compacted to a density equivalent to that of the surrounding fill by means of hand tamping if permitted by any structure. Vibrating rollers shall not be operated within 5 feet of any structure. Compaction by means of drop weights operating from a crane or hoist will not be permitted.
  - C. The passage of heavy equipment will not be allowed over any type of conduit until the backfill has been placed above the top surface of the structure to a height equal to one-half the clear span width of the structure or pipe or 2 feet, whichever is greater.
  - D. Compaction of fill adjacent to structures shall not be started until the concrete has attained sufficient strength. The strength will be determined by compression testing of concrete as determined by ASTM D-1557 modified Proctor Test. The strength will be determined by compression testing of concrete as determined by ASTM D-1557 modified Proctor Test.
17. Backfilling pipe trenches and excavations
  - A. Provide a minimum compacted depth of 6 inches of pipe bedding material under pipe for full width of the trench. Depth of pipe bedding material under the pipe shall be less than 4 inches. Provide 6 inches compacted bedding under manholes, inlets, drop structures, and outfall structures.
  - B. Hand-grade bedding to proper grade ahead of pipe laying and appurtenance installation operations. Bedding shall provide a firm, undisturbed support along the pipe length and appurtenance throughout its length.
  - C. After pipe is installed, place and compact pipe bedding material for full width of trench to the springline of the pipe. Place the material around the pipe in 6 inch lifts and thoroughly compact to ensure voids are filled and pipe is stabilized laterally.
  - D. Backfill and carefully compact the area above the pipe springline to an elevation 12 inches above the top outside surface of the pipe barrel (top of pipe zone).
  - E. Backfill pipe trench excavations from top of pipe zone to minus 30 inches from final specified contours and elevations with general compacted to a minimum density of 90% of the modified Proctor (ASTM D-1557) value; and placed within two (2%) percent of the optimum moisture content.
  - F. Backfill appurtenance excavations from top of bedding to final specified contours and elevations with backfill materials of specified backfill materials shall be placed in lifts of 12 inches and compacted to a minimum density of 90% of the modified Proctor (ASTM D-1557) value.

**LAND BALANCE**

1. The Contractor shall assume sole responsibility for the computations of all grading quantities and for actual balance. Prior to the conclusion of the project, the Contractor shall remove or respread and compact all excess fill materials in on-site areas designated by the Owner.
- EXCESS UTILITY TRENCH EXCAVATION FROM THIS CONTRACT**
1. Following underground utility construction, excess utility trench excavation material shall be placed as structural or non-structural fill as the case may be, allow no water to be trapped and keep the construction site such as broken pipe, broken pavement, etc., to be incorporated in the placed material. Refuse shall be disposed of offsite.

ISSUED FOR REVIEW

DESIGNED BY	JSK	DATE	4/09/01
DRAWN BY	JSK	DATE	4/09/01
APPROVED BY	RKW	DATE	4/09/01
CADFILE	W:\86693\dwg\86693001.dwg		
XREF	W:\86693\dwg\777.dwg		
LMAN	Joy		



**NOTES AND SPECIFICATIONS**  
**ADAMM**  
**LIBERTY PROPERTY TRUST**  
**MILWAUKEE, WI**

REVISION NO.	DESCRIPTION	DATE	BY

STS CONSULTANTS, LTD. 11425 West Lake Park Drive Milwaukee, WI 53224-5030 414.255.9200
SIS PROJECT NUMBER 86693
SIS PROJECT FILE
SCALE 1"=20'
SHEET NUMBER C-4

GRADING / PAVING NOTES

1. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES. PARKING LOT AND DRIVEWAYS ARE FINISHED GRADES. GRADES, NOT TOP OF CURB GRADES, UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL VERIFY ALL GRADES AND MAKE SURE ALL AREAS DRAIN PROPERLY.
3. CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND ADJUST PROPERTIES WITH SETTING FOR EROSION CONTROL UNTIL CONSTRUCTION IS COMPLETED.
4. MINIMUM PAVEMENT STRUCTURE TO BE DETERMINED BY THE GEOTECHNICAL ENGINEER. (SEE DETAIL ON SHEET C-1)
5. REFER TO SHEET C-1 OF THIS PLAN AS REFERENCE TO OTHER PLANS FOR ALL TOPOGRAPHIC INFORMATION, UNDERGROUND UTILITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR COMPLETE. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PROTECTING UTILITIES FROM ANY DAMAGE DURING CONSTRUCTION.
6. ALL CURB AND GUTTER IS HIGH SIDE (UNLESS OTHERWISE NOTED).
7. ASPHALTIC CONCRETE PAVING SPECIFICATIONS - COOPER AND STANDARDS - The placing, construction and composition of the asphaltic base course and asphaltic concrete surfacing shall be in accordance with the requirements of Section 401.405 and 407 of the State of Wisconsin Standard Specifications for Highway and Structure Construction, Edition of 1996. Hereafter, this publication will be referred to as State Highway Specifications.

**WEATHER LIMITATIONS** - Apply tack coats when ambient temperature is above 50° F (10° C) and when temperature has not been below 35° F (1° C) for 12 hours immediately prior to application. Do not apply when base is wet or contains an excess of moisture. Construct asphaltic concrete surface course when concrete subgrade is dry and when weather is not rainy. Base course may be placed when air temperature is above 30° F (-1° C) and rising.

**GRADE CONTROL** - Establish and maintain required lines and elevations for each course during construction operations.

**CRUSHED AGGREGATE BASE COURSE** - The top layer of base course shall conform to gradation No. 2, Section 304.2.6, State Highway Specifications.

**BINDER COURSE AGGREGATE** - The aggregate for the binder course shall conform to gradation No. 1, Section 401.2.5, State Highway Specifications.

**SURFACE COURSE AGGREGATE** - The aggregate for the surface course shall conform to gradation No. 3, Section 401.2.3, State Highway Specifications.

**ASPHALTIC CEMENT** - The asphaltic cement shall be 120/150 penetration as per Section 401.3.4, State Highway Specifications.

**SURFACE PREPARATION** - Notify Contractor of unsatisfactory conditions. Do not begin paving work until deficient subbase areas have been corrected and are ready to receive paving.

UTILITY NOTES

1. REFER TO SHEET C-1 OF THIS PLAN AS REFERENCE TO OTHER PLANS FOR ALL TOPOGRAPHIC INFORMATION, UNDERGROUND UTILITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR COMPLETE. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION AND SHALL BE RESPONSIBLE FOR PROTECTING UTILITIES FROM ANY DAMAGE DURING CONSTRUCTION.
2. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN - 5TH EDITION AND ALL STATE AND LOCAL CODES AND SPECIFICATIONS.
3. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
5. UTILITY SPECIFICATIONS - Contractor shall verify all materials for compliance with the City of Milwaukee specifications.
  - A. STORM SEWER SPECIFICATIONS -
    - PIPE - Reinforced Concrete Pipe (RCP) shall meet the requirements of ASTM Class III (minimum) C-75 with rubber gasket joints conforming to ASTM C-443. High density dual-wall polyethylene corrugated pipe shall be as manufactured of 0.01" or equal, with water tight joints, requirements of ASHTO Designation W-294 Type S. All materials shall be approved by the City of Milwaukee.
    - INLETS - Inlets shall be constructed in accordance with the "Standard Specifications" or approved equal and shall be 36" minimum diameter with a 26" maximum opening. Frames shall be Neenoh R-2501 with Type G grate or equal. Curb type frame & grate shall be Neenoh R-3228A or approved equal.
    - CATCH BASINS - Catch basins shall be constructed in accordance with detail on Sheet C-3 or approved equal and shall be 36" minimum diameter with a 26" maximum opening. Frames shall be Neenoh R-2501 with Type G grate or equal. Curb type frame & grate shall be Neenoh R-3228A or approved equal.
    - BACKFILL AND BEDDING - Storm sewer shall be constructed with gravel backfill and Class B bedding in accordance with Section 6.4.3.5, 6.4.3.6 and 6.4.3.7. Trenches running parallel to and less than 5 feet from the edge of pavement shall also require gravel backfill and Class B bedding. Landscaped areas may be Class C bedding with compacted spoil backfill conforming to Section 6.4.3.5 of the "Standard Specifications".

B. WATER MAIN SPECIFICATIONS

**WATERMAIN** - Watermain, pipe, fittings, valves, and valve boxes shall conform to the City of Milwaukee specifications.

**BEDDING AND COVER MATERIAL** - Water main bedding and cover material shall be sand, crushed stone chips or crushed stone screenings conforming to Chapter 6.4.3.0 of the "Standard Specifications".

**BACKFILL** - Backfill material and installation shall be in accordance with Section 6.4.3.0 of the "Standard Specifications". Gravel backfill is required in all paved areas and to a point 5 feet beyond the edge of pavement. Trenches running parallel to and less than 5 feet from the edge of pavement shall also require gravel backfill. Landscaped areas may be backfilled with excavated material in conformance with Section 6.4.3.5 of the "Standard Specifications".

C. SANITARY SEWER SPECIFICATIONS

**SANITARY SEWER PIPE** - Sanitary sewer pipe shall conform to the specifications of the City of Milwaukee.

**BEDDING AND COVER MATERIAL** - Bedding and cover material shall conform to the appropriate sections of the "Standard Specifications" with the following modification: Cover material shall be the same as for watermain. Bedding shall be a minimum of 6.4.3.2 (C) Bedding and cover material shall be placed in a minimum of three separate lifts, or as required to insure adequate compaction of these materials, with one lift of bedding material ending at or near the springline of the pipe. The contractor shall take care to completely work bedding material under the haunch of the pipe to provide adequate side support.

**BACKFILL** - Backfill material and installation shall be in accordance with Section 6.4.3.0 of the "Standard Specifications". Gravel backfill is required in all paved areas and to a point 5 feet beyond the edge of pavement. Trenches running parallel to and less than 5 feet from the edge of pavement shall also require gravel backfill. Landscaped areas may be backfilled with excavated material in conformance with Section 6.4.3.5 of the "Standard Specifications".

**MANHOLES** - Manholes shall be constructed in accordance with File Nos. 12A, 13 and 15 of the "Standard Specifications" and all special provisions of the City of Milwaukee with Manhole Type B, self sealing lifts, non-roofing, or equal, and as approved by the City of Milwaukee.

GENERAL CONSTRUCTION NOTES

1. Any reference to "Standards" or "Standard Specifications" relating to improvements throughout the plans or special provisions shall be interpreted to mean the "Standard Specifications" for Road and Bridge Construction (latest edition) by the Wisconsin Department of Transportation.
2. The contractor is to note that all existing underground utilities are not delineated on the plans. It shall be his responsibility to locate and protect all existing utilities. No extra compensation will be allowed for delays arising from any work performed by the utility company nor for any work performed by the contractor due to unknown utilities.
3. Existing utilities uncovered by the proposed project shall be protected and not disturbed. All costs of protection shall be considered incidental to the contract and no additional compensation will be allowed.
4. Access to private properties: The contractor shall be required to provide and maintain access to all private property at all times during the construction of this project. All costs to maintain access shall be considered incidental to the project cost and no additional compensation shall be allowed.
5. Prior to the removal of any existing drainage facility scheduled for adjustment, the contractor shall ensure that all facilities connecting to said facility have been identified and source and direction of flows have been determined. Additional facilities not shown on these plans that might be discovered shall not be plugged or abandoned without the written consent of the engineer.
6. When existing drainage facilities are disturbed, the contractor shall provide and maintain temporary outlets and connections for the private drains or sewers. He shall provide facilities to take in all stormwater which will be received by these drains and sewers and discharged to the street. He shall provide and maintain an efficient pumping plant. If necessary, and a temporary outlet. He shall be prepared at all times to dispose water received from these temporary connections until such time as the permanent connections with sewers are built and in service. Work will not be paid for separately, but shall be considered incidental to the project costs.
7. The elevation shown on plans reflect proposed finished grades, unless otherwise indicated.
8. Preservation of trees and shrubs: The contractor shall exercise extreme care when working near all existing trees and shrubs to avoid damage and shall either repair or replace any such damaged trees or shrubs at the contractor's expense and as approved by the Engineer.
9. The contractor shall keep within the grading limits.
10. It is the contractor's responsibility to ascertain existing field conditions before bidding on the project, specifically as they relate to jump sum items.
11. All ground surface drainage that existed prior to construction shall be restored as shown on the plans and as approved by the Engineer. All costs of restoration shall be considered incidental to the contract.
12. All excess excavation, construction demolition debris, and unsuitable materials shall be removed from the site and properly disposed of.
13. Three construction plans and subsequent details are all to be considered as part of the contract documents. Incidental to the contract documents is to complete this work may not be specifically noted but are to be considered a part of the contract.
14. No construction plans shall be used for construction unless specifically marked "for construction" prior to commencement of construction. The contractor shall verify all dimensions and conditions affecting their work with the actual conditions on the job site. If there are any discrepancies from what is shown on the construction plans, the contractor shall immediately report same to the Engineer before doing any work, otherwise the contractor assumes all responsibility for any errors or omissions. The contractor shall secure written instructions from the Engineer prior to proceeding with any part of the work affected by omissions or discrepancies. Failing to secure such instructions, the contractor will be considered to have accepted the true meaning of the construction plans or specifications, the decision of the Engineer shall be final and conclusive.
15. All work performed under this contract shall be guaranteed against all defects in materials and workmanship of whatever nature by the contractor and his surety for a period of 12 months from the date of final acceptance of the work by the owner and other applicable governmental agencies.
16. Before acceptance by the owner and final payment, all work shall be inspected and approved by the owner or his representative. The contractor shall include in the contract documents a list of work that has been approved and accepted and in accordance with the contract documents.
17. The contractor shall be responsible for obtaining all required permits for construction along or across existing streets or highways. He shall make arrangements for the proper broom, staking and other required protection of all roadways before construction begins. He shall be responsible for any damage to the streets or roadways and associated structures and shall make repairs as necessary to the satisfaction of the Engineer.
18. Easements for the existing utilities, both public and private, and utilities within public rights-of-way are not shown on the plans. The contractor shall be responsible for determining the exact location in the field of these utility lines and their protection from damage due to construction operations. If existing utility lines of any nature are encountered which conflict in location with new construction, the contractor shall notify the Engineer immediately so that the conflict may be resolved.
19. Whenever the performance of work is indicated on the plans, and no item is included in the contract for payment, the work shall be considered incidental to the contract, and no additional compensation will be allowed.
20. Whenever during construction operations, any loose material is deposited in the flow line of gutters, drainage structures, ditches, etc. such that the natural flow line of water is obstructed, the contractor shall be responsible for the removal of such material. The contractor shall be free from dirt and debris. This work shall be considered incidental to the contract.
21. The contractor shall be responsible for the installation and maintenance of adequate signs, traffic control devices and warning devices to inform and protect the public during all phases of construction. The contractor shall be responsible for the maintenance of all signs and devices in accordance with the WS-DOT standard specifications.
22. All field life encountered during construction operations shall be extended to outlet into an existing drainage way. If this cannot be accomplished, then it shall be repaired with new pipe or similar size and material to the original line and put in acceptable operating condition. A record of the location of all field life for on-site drain pipe encountered shall be kept by the contractor. The contractor shall be responsible for the maintenance of all field life during construction. Field life shall be considered as incidental to the contract and no additional compensation will be allowed.
23. During construction operations, the contractor shall insure positive site drainage at the conclusion of each day. Site drainage may be achieved by ditching, pumping or any other acceptable method.
24. It shall be the responsibility of each respective contractor to remove from the site any and all materials and debris which result from his construction operations at no additional expense to the owner.
25. The Engineer and owner are not responsible for the construction means, methods, techniques, sequences or procedures, time of performance, programs or for any safety or health conditions created by the contractor. The contractor shall be responsible for execution of his work in accordance with the contract documents and specifications.
26. Electric, telephone, natural gas, and other utility may companies have underground and/or overhead service facilities in the vicinity of the proposed work. The contractor shall be responsible for having the utility companies locate their facilities in the field prior to construction and shall also be responsible for the maintenance and preservation of these facilities.
27. The contractor shall comply with all state and federal safety regulations as outlined in the latest revisions of the Federal Construction Safety Standards (Series 1926) and with applicable provisions and regulations of the Occupational Safety and Health Administration (OSHA). The contractor, Engineer and owner shall each be responsible for his own respective agents and employees.
28. The contractor shall keep a set of "approved" construction plans on the job site, and shall maintain as indicated herein, and elsewhere in the field, these construction notes, specifications, modifications, etc. upon completion of the contractor's work, said plans and information shall be provided to the Engineer. Final contract payment shall not come due until this information is received by the Engineer.

NOTES AND SPECIFICATIONS  
ADAMM  
LIBERTY PROPERTY TRUST  
MILWAUKEE, WI

DESIGNED BY	JSK	DATE	4/09/01
DRAWN BY	JSK	DATE	4/09/01
APPROVED BY	RKW	DATE	4/09/01
CADFILE #	W:\0586693\dwg\86693001.dwg		
XREF	W:\86693\dwg\???.dwg		
LMAN	Joy		

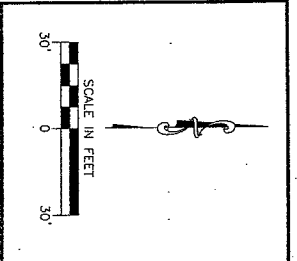
REVISION NO.	DESCRIPTION	DATE	BY



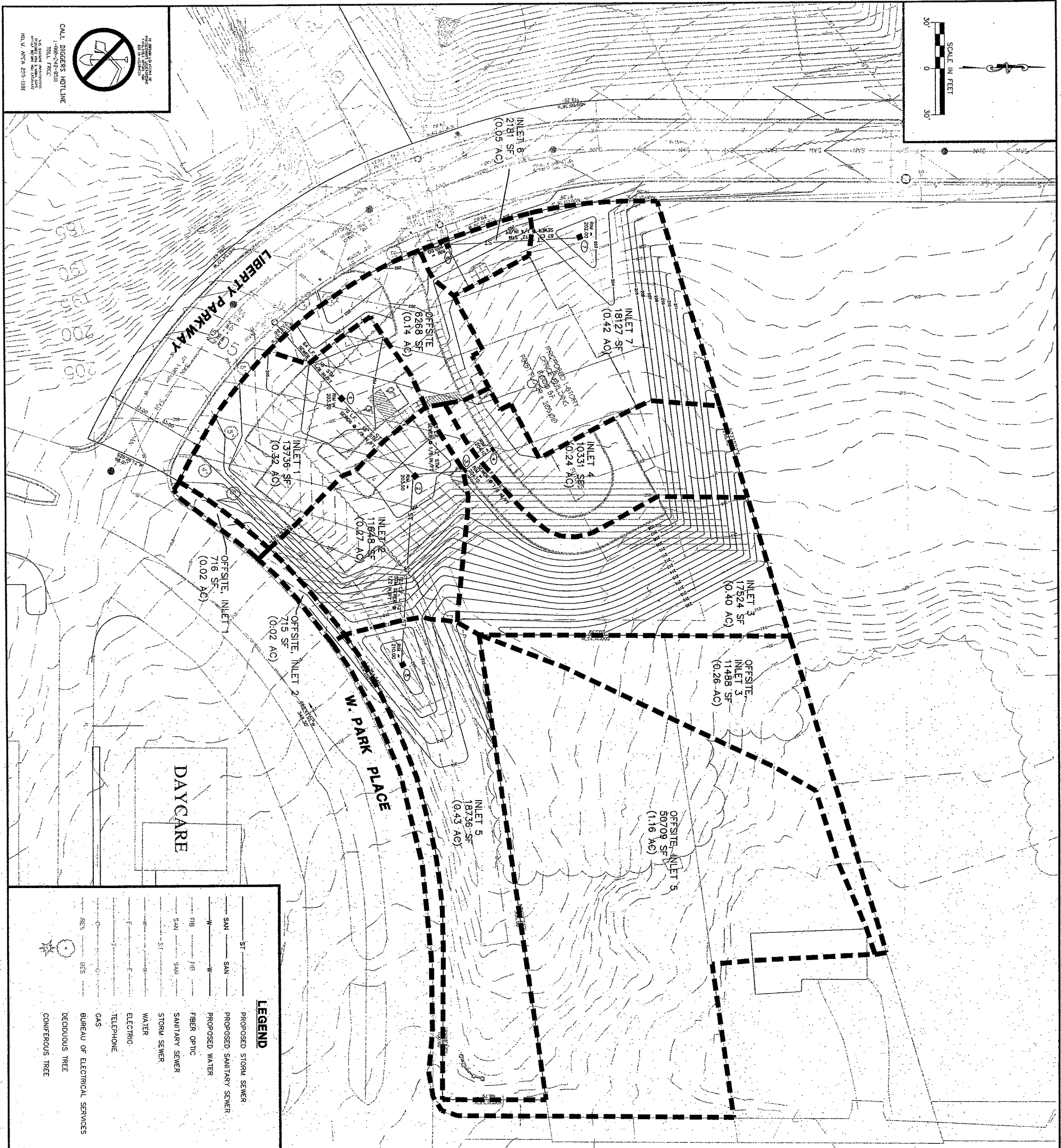
STS CONSULTANTS, LTD.  
Consulting Engineers, Ltd.  
11425 West Lake Park Drive  
Milwaukee, WI 53224-5025  
414-259-5500

ISSUED FOR REVIEW

STS PROJECT NUMBER	86693
STS PROJECT FILE	
SCALE	
SHEET NUMBER	C-5



CALL DIGGERS HOTLINE  
 800-368-8811  
 414-259-3030  
 414-259-3030  
 414-259-3030



- INDEX OF SHEETS**
- C-1 GRADING PAVING & EROSION CONTROL
  - C-2 UTILITY PLAN
  - C-3 DETAILS AND STORM SEWER COMPUTATIONS
  - C-4 NOTES AND SPECIFICATIONS
  - C-5 NOTES AND SPECIFICATIONS

**NOTE:**  
 1. SEE ARCHITECTURAL PLANS FOR DIMENSIONS AND BUILDING DETAILS.

THE INFORMATION SHOWN ON THIS DRAWING IS FOR INFORMATION ONLY AND DOES NOT GUARANTEE THE ACCURACY OF ALL INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERE TO.

- HIGHSIDE CONCRETE CURB AND GUTTER
- LOWSIDE CONCRETE CURB AND GUTTER
- PROPOSED SUBAREA BOUNDARY

**LEGEND**

- ST ————— PROPOSED STORM SEWER
  - SAN ————— PROPOSED SANITARY SEWER
  - W ————— PROPOSED WATER
  - FB ————— FIBER OPTIC
  - SAN ————— SANITARY SEWER
  - ST ————— STORM SEWER
  - W ————— WATER
  - ELECTRIC ————— ELECTRIC
  - TELEPHONE ————— TELEPHONE
  - GAS ————— GAS
  - BUREAU OF ELECTRICAL SERVICES
  - DECIDUOUS TREE
  - CONIFEROUS TREE
- 
- 1" X 24" IRON PIPE
  - LIGHT
  - MANHOLE
  - ⊕ CATCH BASIN SQUARE
  - ⊕ CATCH BASIN ROUND
  - SIGN
  - ⊕ POWER POLE
  - ⊕ TRANSFORMER
  - ⊕ SIGNAL BOX
  - ⊕ CONCRETE POST
  - ⊕ GAS VALVE
  - ⊕ WATER VALVE
  - ⊕ HYDRANT
  - ⊕ TELEPHONE POLE
- 
- \* INDICATES TYPE
  - C - COMMUNICATIONS
  - E - ELECTRIC
  - G - GAS
  - M - METER
  - S - SANITARY
  - ST - STORM
  - T - TELEPHONE
  - U - UNKNOWN
  - W - WATER
- 
- PROPOSED STORM MANHOLE
  - ⊕ PROPOSED STORM CATCH BASIN WITH INLET GRATE SCREEN
  - ⊕ PROPOSED HYDRANT
  - ⊕ PROPOSED WATER VALVE
  - ⊕ PROPOSED STORM MANHOLE OR CATCH BASIN NUMBER

ISSUED FOR REVIEW

**PROPOSED HYDROLOGY EXHIBIT  
 ADAMM  
 LIBERTY PROPERTY TRUST  
 MILWAUKEE, WI**



STS Consultants, Ltd.  
 Consulting Engineers  
 11425 West Lake Park Drive  
 Milwaukee, WI 53224-3030  
 414-259-3030

STS PROJECT NUMBER  
 86693

STS PROJECT FILE

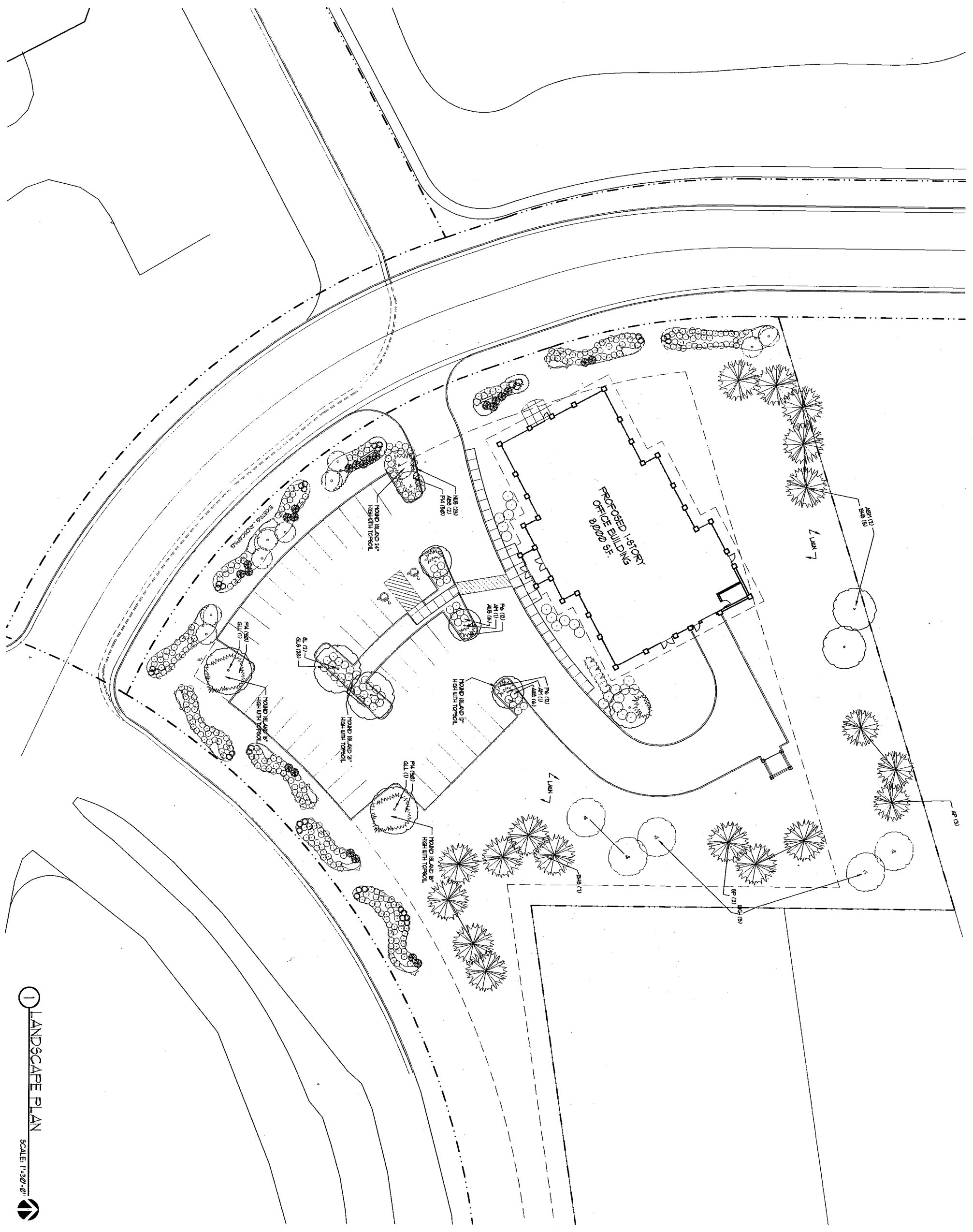
SCALE  
 1" = 30'

SHEET NUMBER  
 E-1

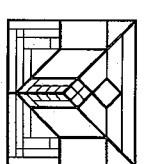
DESIGNED BY DEW	DATE 4/09/01
DRAWN BY DEW	DATE 4/09/01
APPROVED BY RKW	DATE 4/09/01
CADFILE W:\0586693\dwg\86693001.dwg	
XREF W:\86693\dwg\???.dwg	
LMAN Jay	

REVISION NO.	DESCRIPTION	DATE	BY

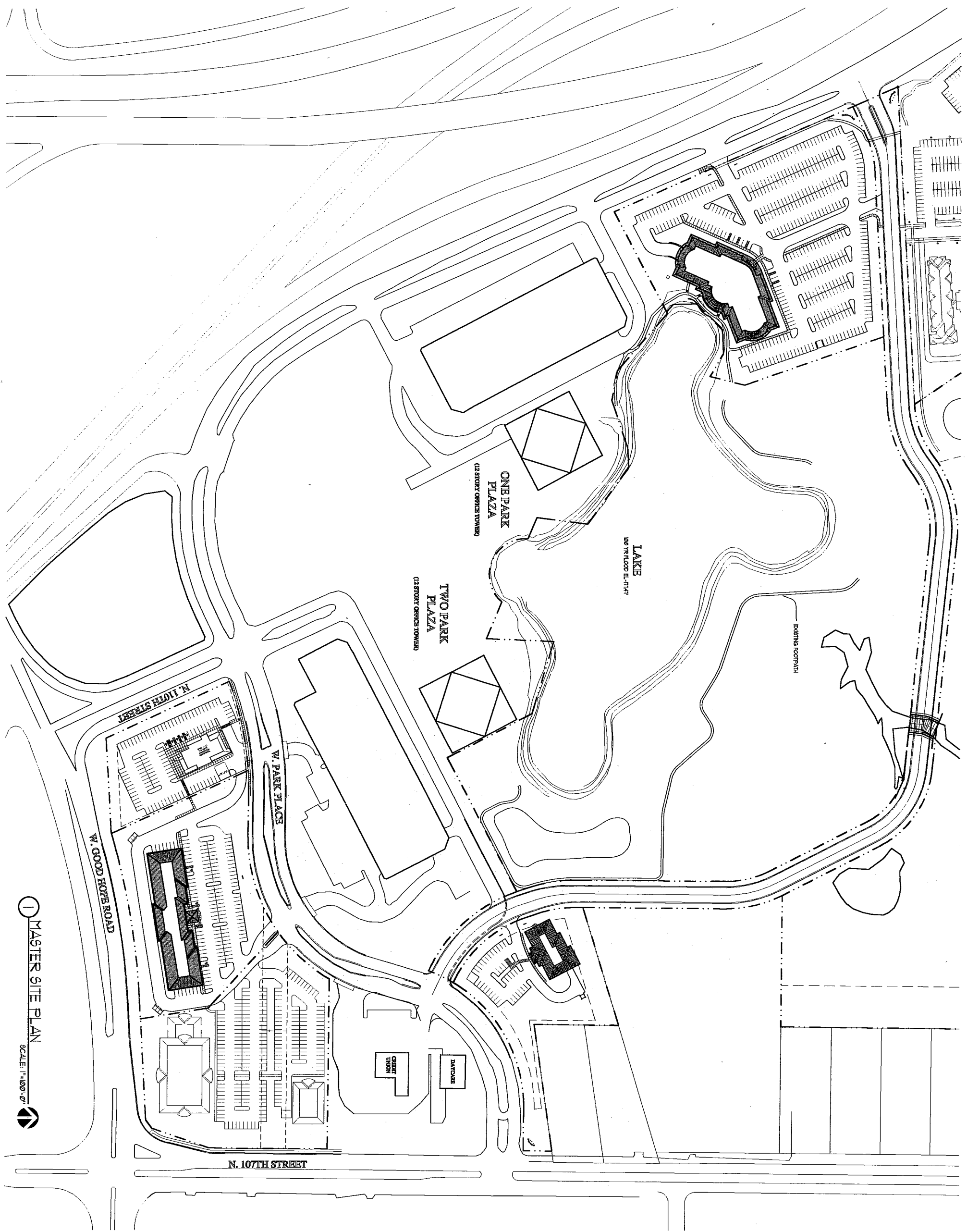




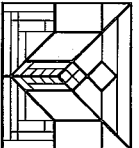
LANDSCAPE PLAN  
SCALE: 1"=30'-0"

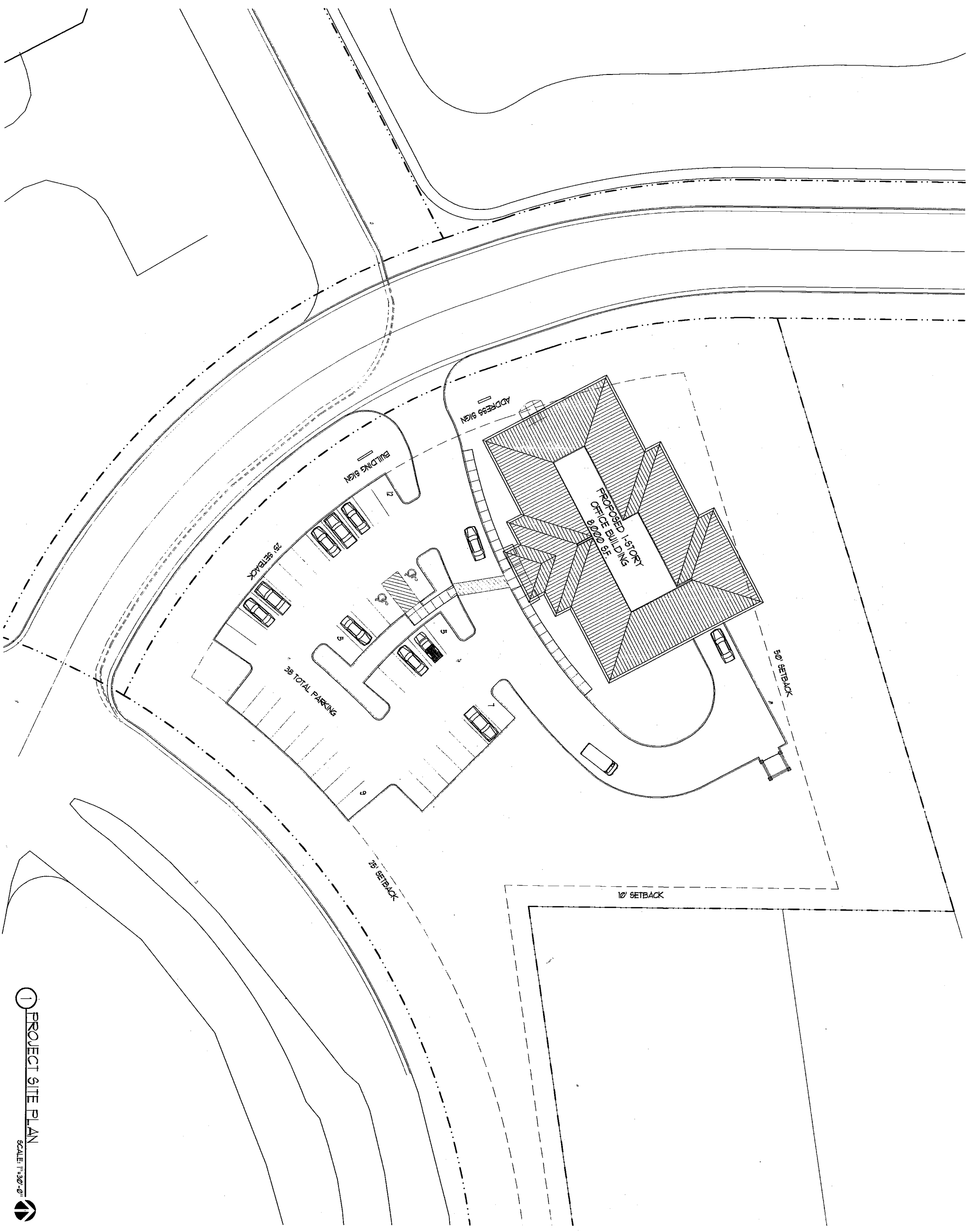
 <p><b>STEPHEN PERRY SMITH ARCHITECTS</b></p> <p>1435 N. CEDARBURGH ROAD MILWAUKEE, WISCONSIN 53097 TEL: 414-776-1579 FACSIMILE: 262-376-1584</p>							
<p><b>PROJECT</b></p> <p>PROPOSED BUILDING FOR: <b>ADAMMI</b> <b>PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p><b>OWNER</b></p> <p><b>LIBERTY</b> PROPERTY TRUST</p> <p>1144 W. PARK PLACE, SUITE 100 MILWAUKEE, WISCONSIN 53224 TEL: 414-776-0222 FAX: 414-979-0221</p>							
<p><b>SHEET</b></p> <p>LANDSCAPE PLAN</p>							
<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DATE	BY			
ITEM	DATE	BY					
<p><b>INFORMATION</b></p> <p>PROJECT ARCHITECT: SPS DRAWN BY: AIK PROJECT NUMBER: LPT-01-524 ISSUED FOR: MUNICIPAL REVIEW DATE: MAY 4, 2001 SHEET NO.</p>							
<p><b>L.O.1</b></p>							

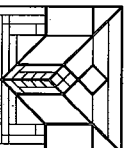




① MASTER SITE PLAN  
SCALE: 1"=100'-0"

 <p><b>STEPHEN PERRY SMITH ARCHITECTS</b></p>							
<p>1415 N. CEDARBURG ROAD MILWAUKEE, WISCONSIN 53997 TEL: PHONES: 262-576-1579 FACSIMILE: 262-576-1584</p>							
<p><b>PROJECT</b></p> <p>PROPOSED BUILDING FOR: <b>ADAMMI</b></p> <p><b>PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p><b>OWNER</b></p> <p><b>LIBERTY</b> PROPERTY TRUST</p>							
<p>1414 W. PARK PLACE, SUITE 100 MILWAUKEE, WISCONSIN 53224 PH: 414-979-0222 FAX: 414-979-0221</p>							
<p><b>LIBERTY AT PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p><b>SHEET</b></p> <p>MASTER SITE PLAN</p>							
<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DATE	BY			
ITEM	DATE	BY					
<p><b>INFORMATION</b></p> <p>PROJECT ARCHITECT: SPS</p> <p>DRAWN BY: AJK</p> <p>PROJECT NUMBER: LPT-01-524</p> <p>ISSUED FOR MUNICIPAL REVIEW</p> <p>DATE: MAY 4, 2001</p> <p>SHEET NO.</p>							
<p><b>A0.1</b></p>							



  
**STEPHEN PERRY SMITH**  
 ARCHITECTS

1414 N. CEDARBURG ROAD  
 MILWAUKEE, WISCONSIN 53224  
 TELEPHONE: 414-979-0222  
 FACSIMILE: 414-979-0221

**PROJECT**

PROPOSED BUILDING FOR:

**ADAMMI**

**PARK PLACE**  
 MILWAUKEE, WISCONSIN

**OWNER**

**LIBERTY**  
 PROPERTY TRUST

11414 W PARK PLACE, SUITE 100  
 MILWAUKEE, WISCONSIN 53224  
 PH 414-979-0222  
 FAX 414-979-0221

**LIBERTY**  
**AT PARK PLACE**  
 MILWAUKEE, WISCONSIN

**SHEET**

PROJECT SITE PLAN

**REVISIONS**

ITEM DATE BY

**INFORMATION**

PROJECT ARCHITECT SPS

DRAWN BY ALK

PROJECT NUMBER 127-01-524

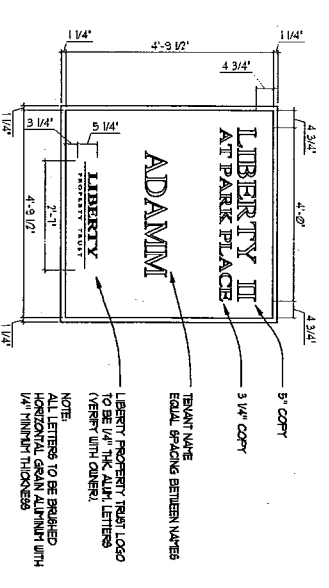
ISSUED FOR MUNICIPAL REVIEW

DATE MAY 4, 2001

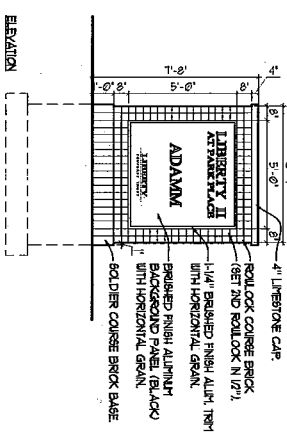
SHEET NO.

**A0.2**

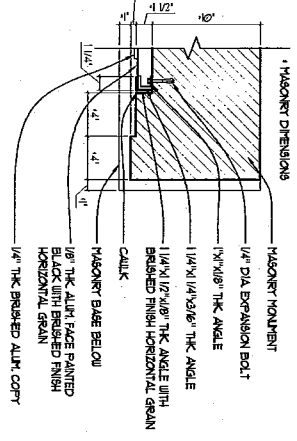
① PROJECT SITE PLAN  
 SCALE: 1"=30'-0"



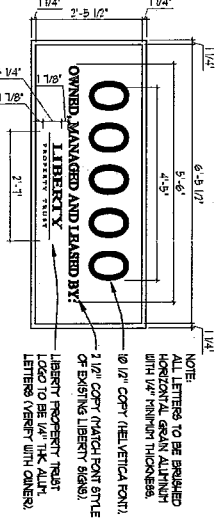
**15 BUILDING SIGN DETAIL**  
SCALE: 1/2" = 1'-0"



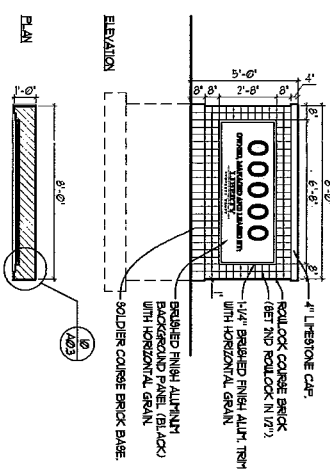
**14 BUILDING SIGN**  
SCALE: 1/4" = 1'-0"



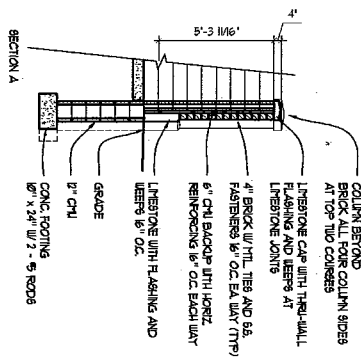
**13 ADDRESS SIGN DETAIL**  
SCALE: 1/2" = 1'-0"



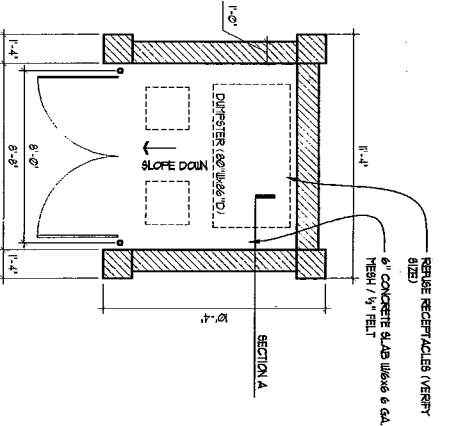
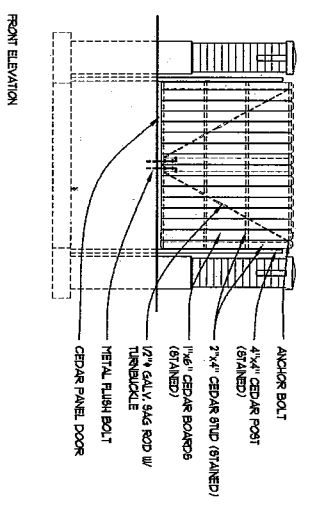
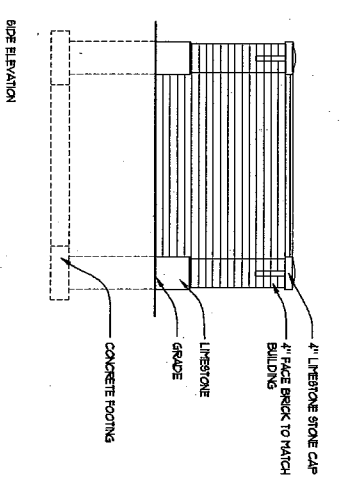
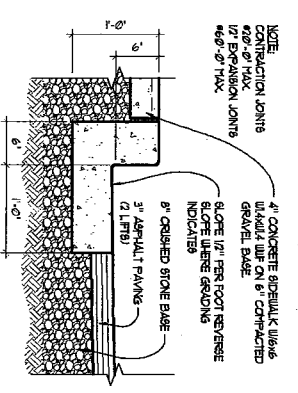
**12 ADDRESS SIGN DETAIL**  
SCALE: 1/2" = 1'-0"



**11 ADDRESS SIGN**  
SCALE: 1/4" = 1'-0"

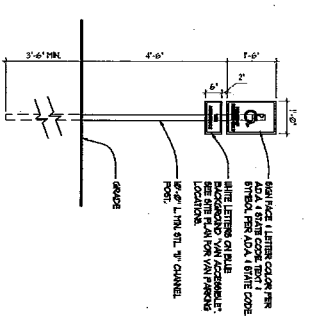


**5 CONC. CURB & GUTTER DETAIL**  
SCALE: 1" = 1'-0"

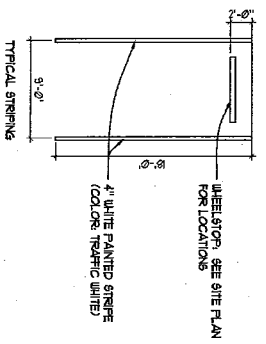


**6 DUMPSTER ENCLOSURE DETAIL**  
SCALE: 1/4" = 1'-0"

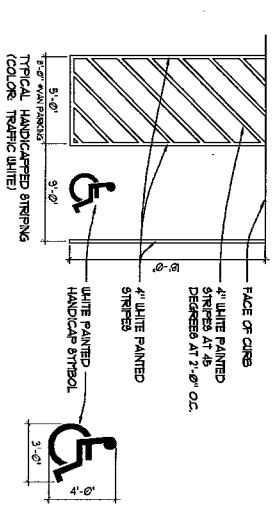
**4 ADA CONC. APRON DETAIL**  
NO SCALE



**3 HANDICAP SIGN**  
SCALE: 1/2" = 1'-0"

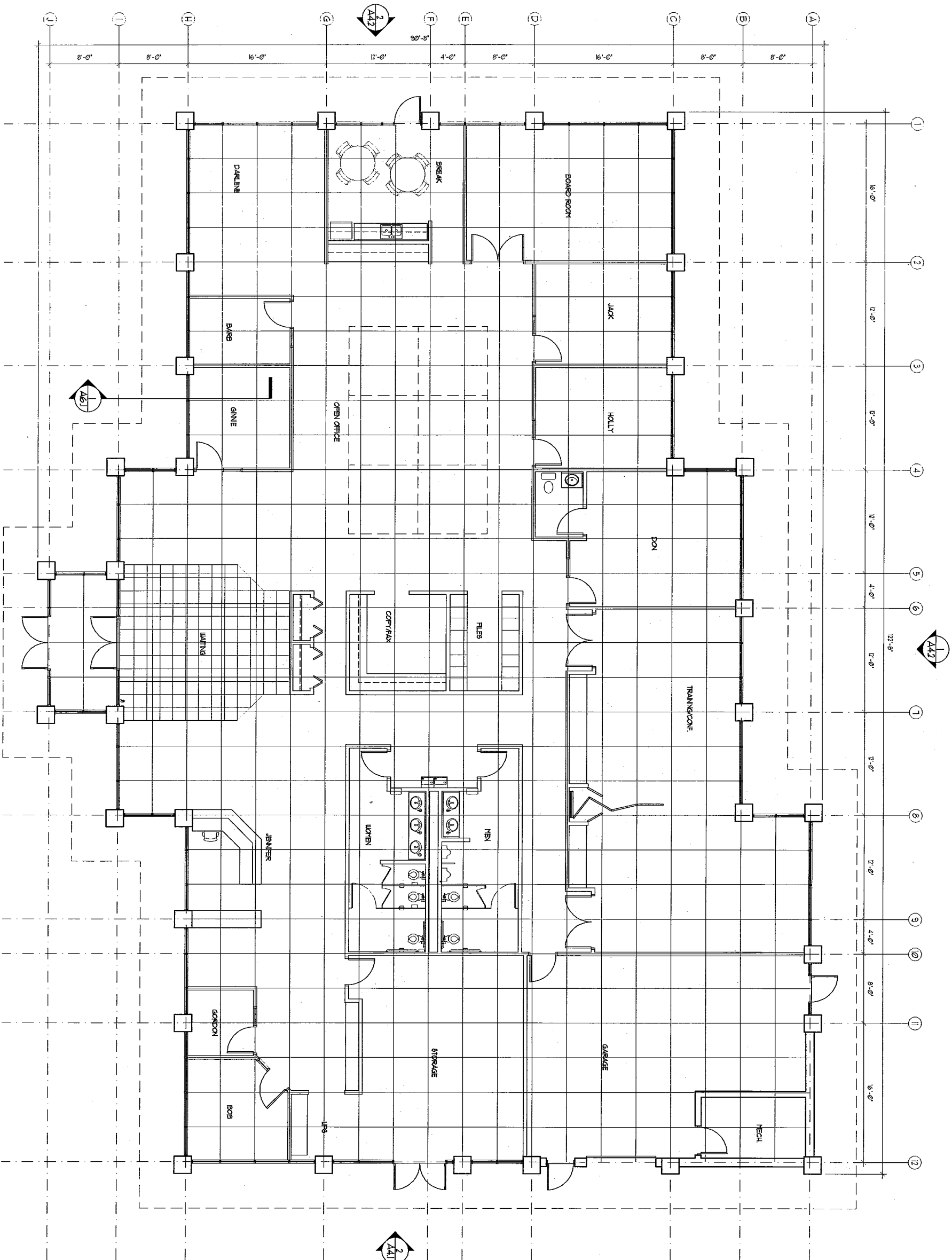


**2 PARKING STRIPING (TYP.)**  
SCALE: 1/8" = 1'-0"



**1 HANDICAP STRIPING (TYP.)**  
SCALE: 1/8" = 1'-0"

<p><b>STEPHEN PERRY SMITH ARCHITECTS</b></p> <p>1433 N. CEDARBURG ROAD MILWAUKEE, WISCONSIN 53097 TEL: 414-979-0222 FAX: 414-979-0221 FACSIMILE: 262-376-1584</p>							
<p>PROPOSED BUILDING FOR:</p> <p><b>ADAMMI</b></p> <p><b>PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p>OWNER:</p> <p><b>LIBERTY</b> PROPERTY TRUST</p> <p>11414 W. PARK TRAILS SUITE 100 MILWAUKEE, WISCONSIN 53224 TEL: 414-979-0222 FAX: 414-979-0221</p>							
<p>SHEET:</p> <p><b>LIBERTY AT PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p>SHEET NO. <b>A0.3</b></p>							
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DATE	BY			
ITEM	DATE	BY					
<p>INFORMATION</p> <p>PROJECT ARCHITECT: <b>SFS</b></p> <p>DRAWN BY: <b>AIK</b></p> <p>PROJECT NUMBER: <b>LP7-01-524</b></p> <p>ISSUED FOR: <b>MUNICIPAL REVIEW</b></p> <p>DATE: <b>MAY 4, 2001</b></p>							



1 FLOOR PLAN  
SCALE: 3/8" = 1'-0"

STEPHEN PERRY SMITH  
ARCHITECTS

1434 N. CEDARBURG ROAD  
MILWAUKEE, WISCONSIN 53224  
TEL: 414-979-4222  
FACSIMILE: 262-376-1584

PROPOSED BUILDING FOR:  
**ADAMMI**

**PARK PLACE**  
MILWAUKEE, WISCONSIN

OWNER  
**LIBERTY**  
PROPERTY TRUST

11414 W PARK PLACE SUITE 100  
MILWAUKEE, WISCONSIN 53224  
PH 414-979-0222  
FAX 414-979-0221

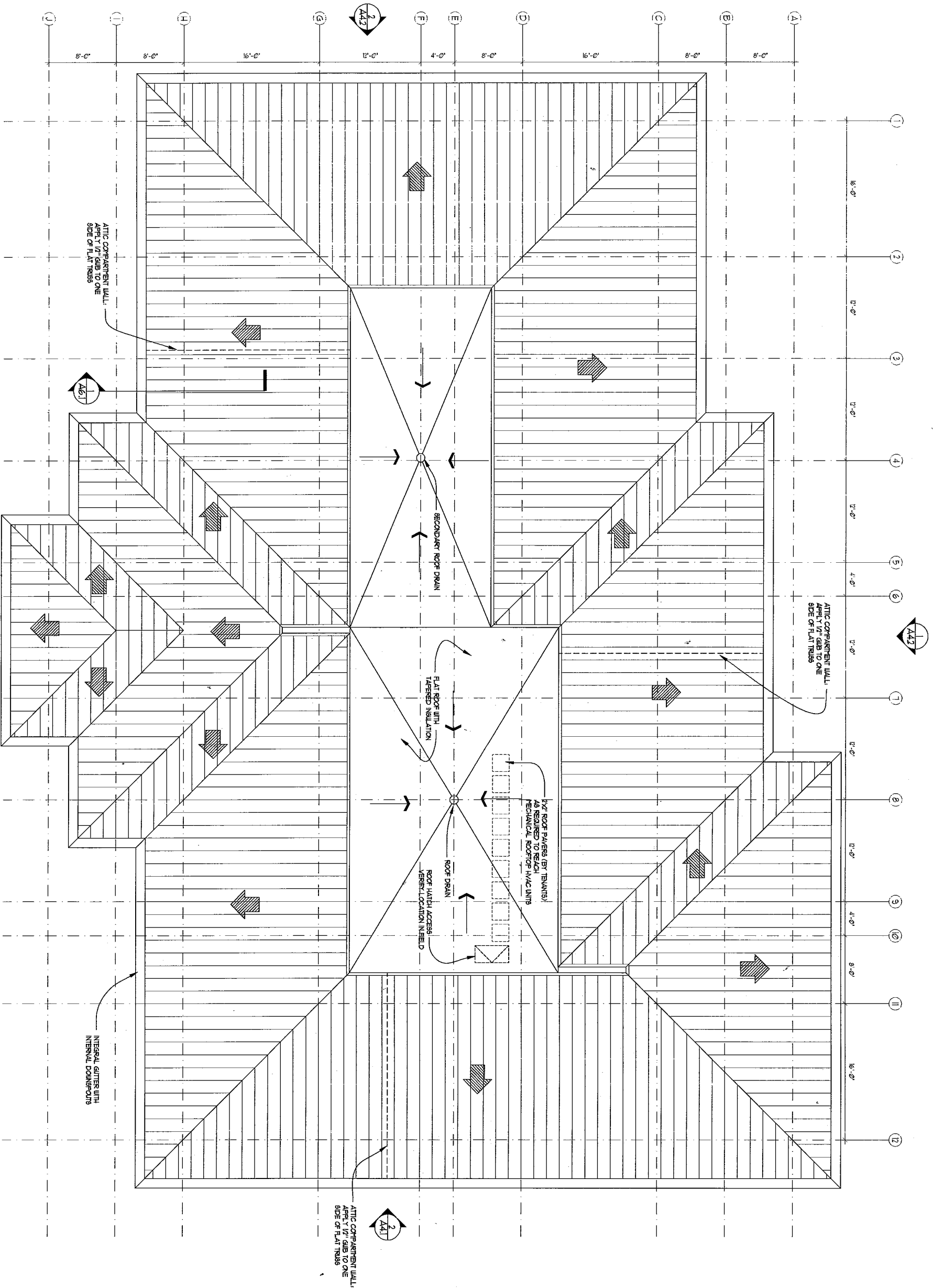
**LIBERTY**  
**AT PARK PLACE**  
MILWAUKEE, WISCONSIN

SHEET  
FLOOR PLAN

REVISIONS	ITEM	DATE	BY

INFORMATION	PROJECT ARCHITECT	SFS
DRAWN BY	AIK	
PROJECT NUMBER	1PT-01-524	
ISSUED FOR MUNICIPAL REVIEW		
DATE	MAY 4, 2001	
SHEET NO.		

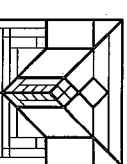
A1.1

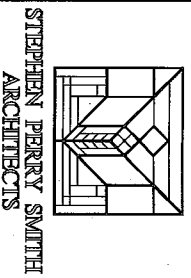


INDICATES DOWNWARD SLOPE OF TAPERED ROOF (SLOPE: 1/8\"/>

**1 ROOF PLAN**

SCALE: 3/16\"/>

 <p><b>STEPHEN PERRY SMITH ARCHITECTS</b></p> <p>1413 N. CEDARBURG ROAD MILWAUKEE, WISCONSIN 53207 PHONE: 262-576-1200 FACSIMILE: 262-576-1584</p>							
<p><b>PROJECT</b></p> <p>PROPOSED BUILDING FOR: <b>ADAMMI</b> <b>PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p><b>OWNER</b></p> <p><b>LIBERTY</b> PROPERTY TRUST</p> <p>11414 W. PARK PLACE, SUITE 100 MILWAUKEE, WISCONSIN 53224 PH. 414-979-0222 FAX 414-979-0221</p>							
<p><b>SHEET</b></p> <p>ROOF PLAN</p>							
<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DATE	BY			
ITEM	DATE	BY					
<p><b>INFORMATION</b></p> <p>PROJECT ARCHITECT: SPS DRAWN BY: AIK PROJECT NUMBER: 177-01-524 ISSUED FOR: MUNICIPAL REVIEW DATE: MAY 4, 2001 SHEET NO.</p>							
<p><b>A3.1</b></p>							



STEPHEN PERRY SMITH  
ARCHITECTS

1435 N. CEDARBURG ROAD  
MILWAUKEE, WISCONSIN 53097  
TEL: 414-979-1579  
FAX: 414-979-1584

PROJECT

PROPOSED BUILDING FOR:

**ADAMMI**

**PARK PLACE**  
MILWAUKEE, WISCONSIN

OWNER

**LIBERTY**  
PROPERTY TRUST

1144 W. PARK PLACE, SUITE 100  
MILWAUKEE, WISCONSIN 53224  
PH: 414-979-0222  
FAX: 414-979-0221

**LIBERTY**  
**AT PARK PLACE**  
MILWAUKEE, WISCONSIN

SHEET

ELEVATIONS

REVISIONS

ITEM	DATE	BY

INFORMATION

PROJECT ARCHITECT SPS

DRAWN BY AIK

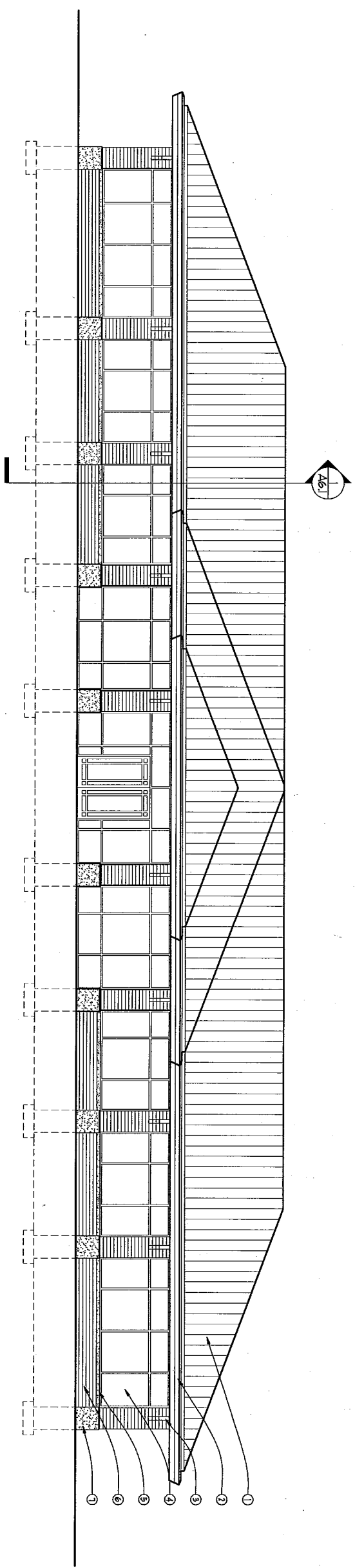
PROJECT NUMBER LPT-01-524

ISSUED FOR MUNICIPAL REVIEW

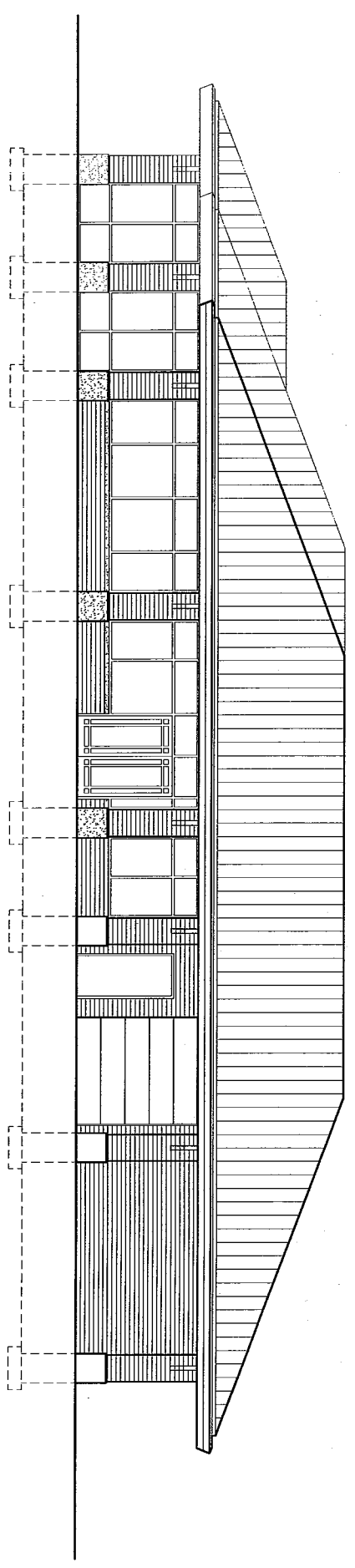
DATE MAY 4, 2001

SHEET NO.

A4.1



1 SOUTH ELEVATION  
SCALE: 3/16"=1'-0"



2 EAST ELEVATION  
SCALE: 3/16"=1'-0"

**ELEVATION KEYNOTES**

- 1 STANDING SEAM METAL ROOF
- 2 INTEGRAL GUTTER WITH INTERNAL DOWNSPOUTS
- 3 GRANITE MEDALLION IN BRICK REVEAL
- 4 1" GREEN TINTED, CENTER GLAZED, INSULATED LOW-E GLASS WITH DARK BRONZE ALUMINUM FRAMING
- 5 LIMESTONE SILL
- 6 4"x12" UTILITY BRICK
- 7 LIMESTONE BASE





STEPHEN PERRY SMITH  
ARCHITECTS

1433 N. CEDARBURG ROAD  
MILWAUKEE, WISCONSIN 53071  
TELEPHONE: 262-576-1579  
FACSIMILE: 262-576-1584

PROJECT

PROPOSED BUILDING FOR:

**ADAMMI**

**PARK PLACE**  
MILWAUKEE, WISCONSIN

OWNER

**LIBERTY**

PROPERTY TRUST

1144 W. PARK PLACE, SUITE 100  
MILWAUKEE, WISCONSIN 53224  
PH 414-979-0222  
FAX 414-979-0221

**LIBERTY**  
**AT PARK PLACE**  
MILWAUKEE, WISCONSIN

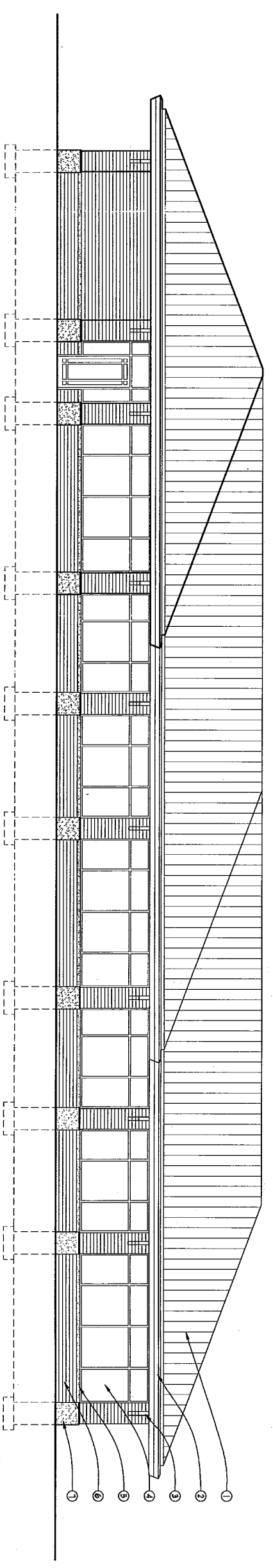
SHEET

ELEVATIONS

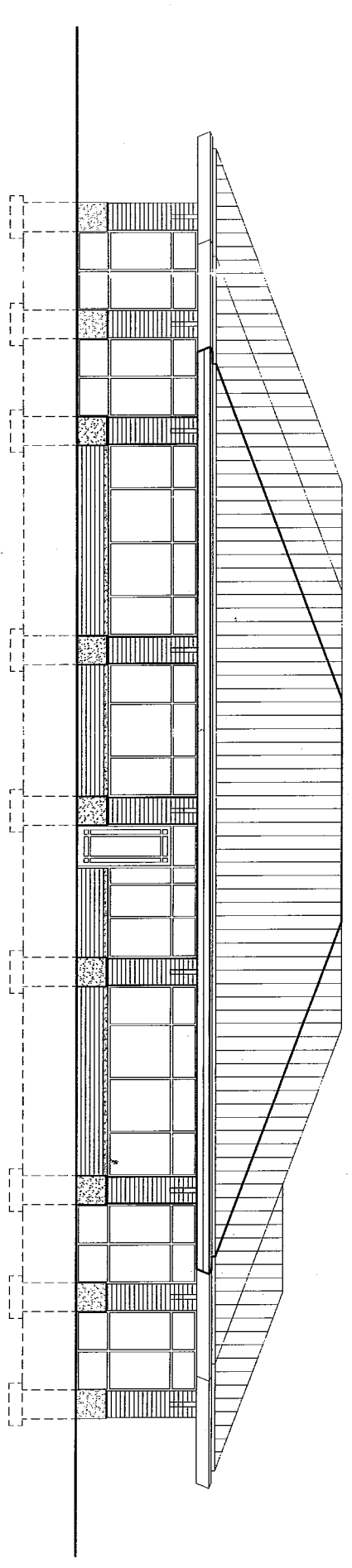
REVISIONS  
ITEM DATE BY

INFORMATION  
PROJECT ARCHITECT SPS  
DRAWN BY AIK  
PROJECT NUMBER 1PT-01-524  
ISSUED FOR MUNICIPAL REVIEW  
DATE MAY 4, 2001  
SHEET NO.

A4.2

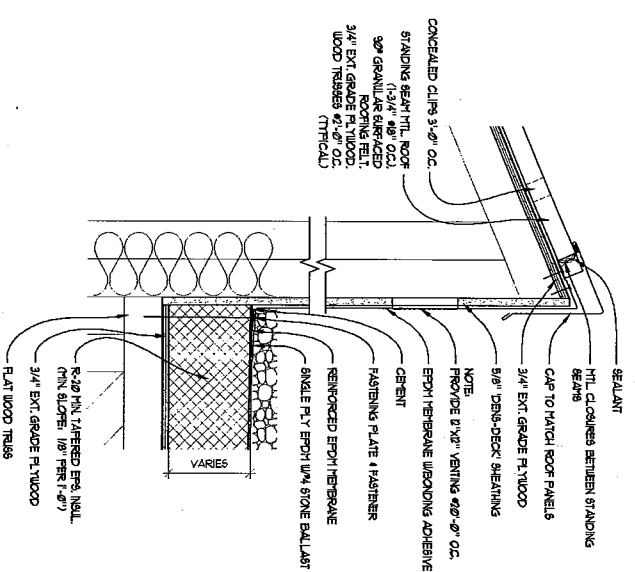


① NORTH ELEVATION  
SCALE: 3/16" = 1'-0"

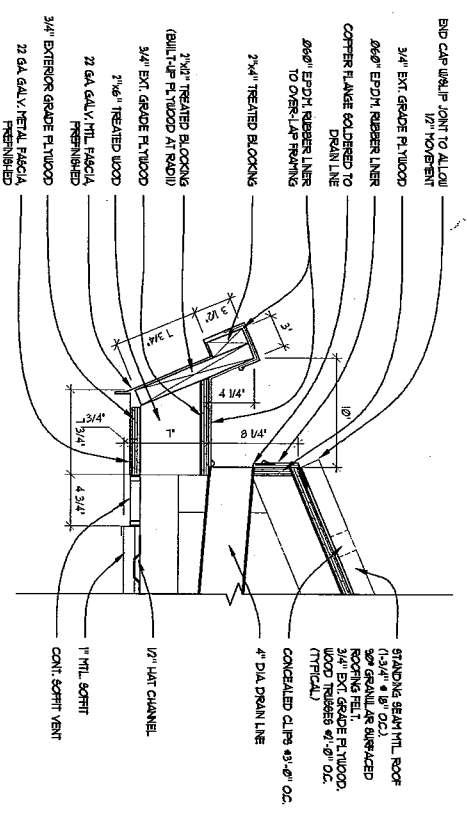


② WEST ELEVATION  
SCALE: 3/16" = 1'-0"

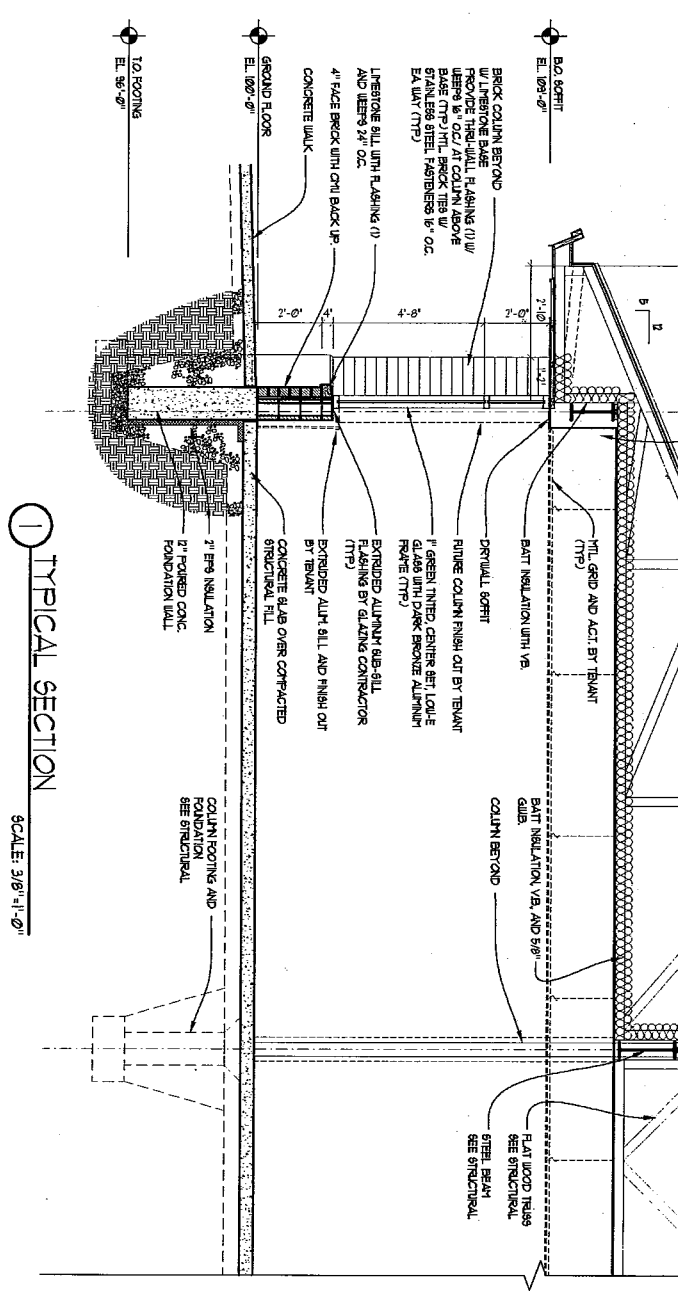
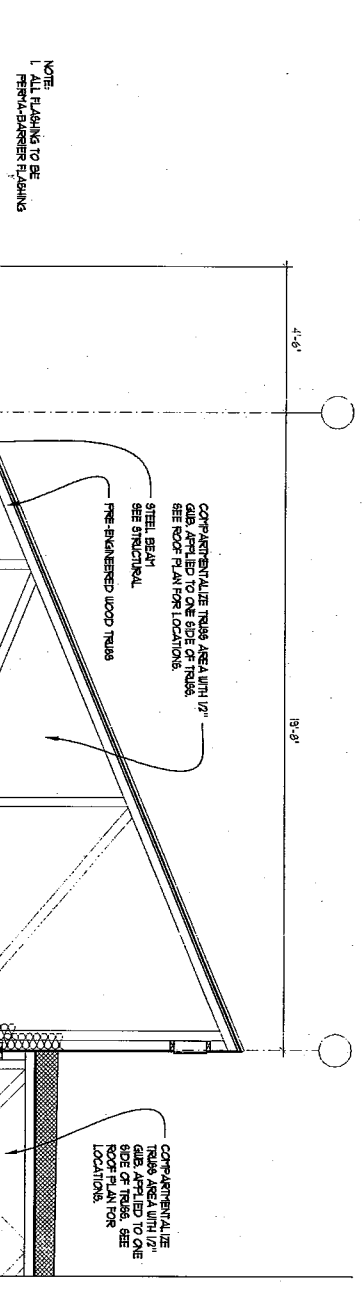
- ELEVATION KEYNOTES**
- ① STANDING SEAM METAL ROOF
  - ② INTEGRAL GUTTER WITH INTERNAL DOWNPOUTS
  - ③ GRANITE MEDALLION IN BRICK REVEAL
  - ④ 1" GREEN TINTED CENTER GLAZED, NSULATED LOW-E GLASS WITH DARK BRONZE ALUMINUM FRAMING
  - ⑤ LESTONE SILL
  - ⑥ 4 1/2" UTILITY BRICK
  - ⑦ LESTONE BASE



3 ROOF CAP & FLASHING DETAIL  
SCALE: 1/2" = 1'-0"



2 TYPICAL GUTTER DETAIL  
SCALE: 1/2" = 1'-0"



1 TYPICAL SECTION  
SCALE: 3/8" = 1'-0"

<p>STEPHEN PERRY SMITH ARCHITECTS</p> <p>1435 N. CEDARBURG ROAD MILWAUKEE, WISCONSIN 53097 TELEPHONE: 262-376-1579 FACSIMILE: 262-376-1584</p>							
<p>PROPOSED BUILDING FOR: <b>ADAMMI</b> <b>PARK PLACE</b> MILWAUKEE, WISCONSIN</p>							
<p>OWNER: <b>LIBERTY</b> PROPERTY TRUST</p> <p>1414 W PARK PLACE SUITE 100 MILWAUKEE, WISCONSIN 53224 PH 414-979-0222 FAX 414-979-0221</p>							
<p>SHEET SECTIONS &amp; DETAILS</p>							
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ITEM	DATE	BY				<p>INFORMATION</p> <p>PROJECT ARCHITECT: SP3</p> <p>DRAWN BY: AIK</p> <p>PROJECT NUMBER: 1PT-01-324</p> <p>ISSUED FOR MUNICIPAL REVIEW: MAY 4, 2001</p> <p>DATE: MAY 4, 2001</p> <p>SHEET NO. A6.1</p>
ITEM	DATE	BY					