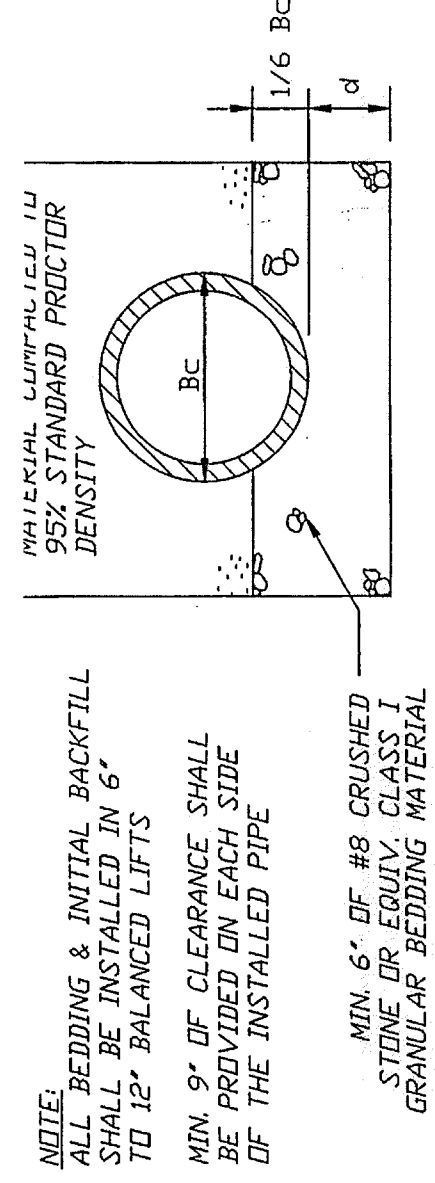
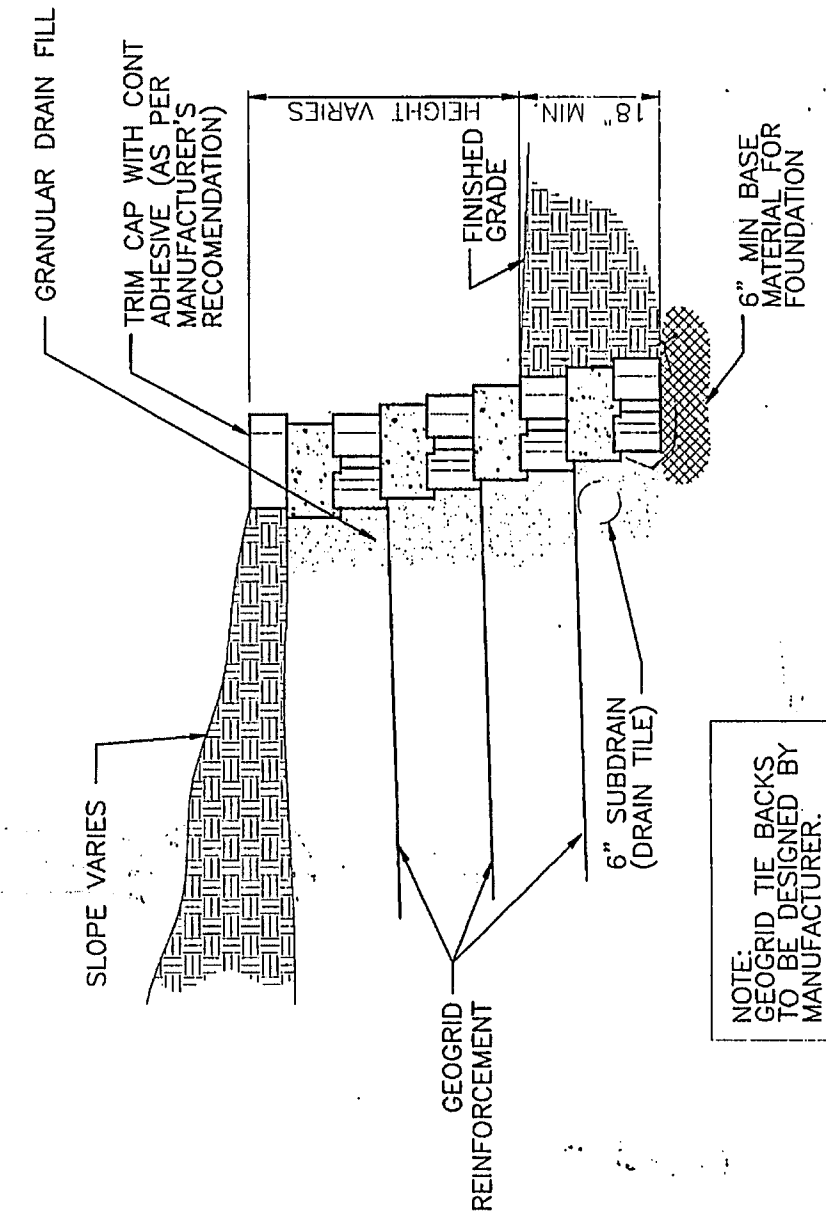
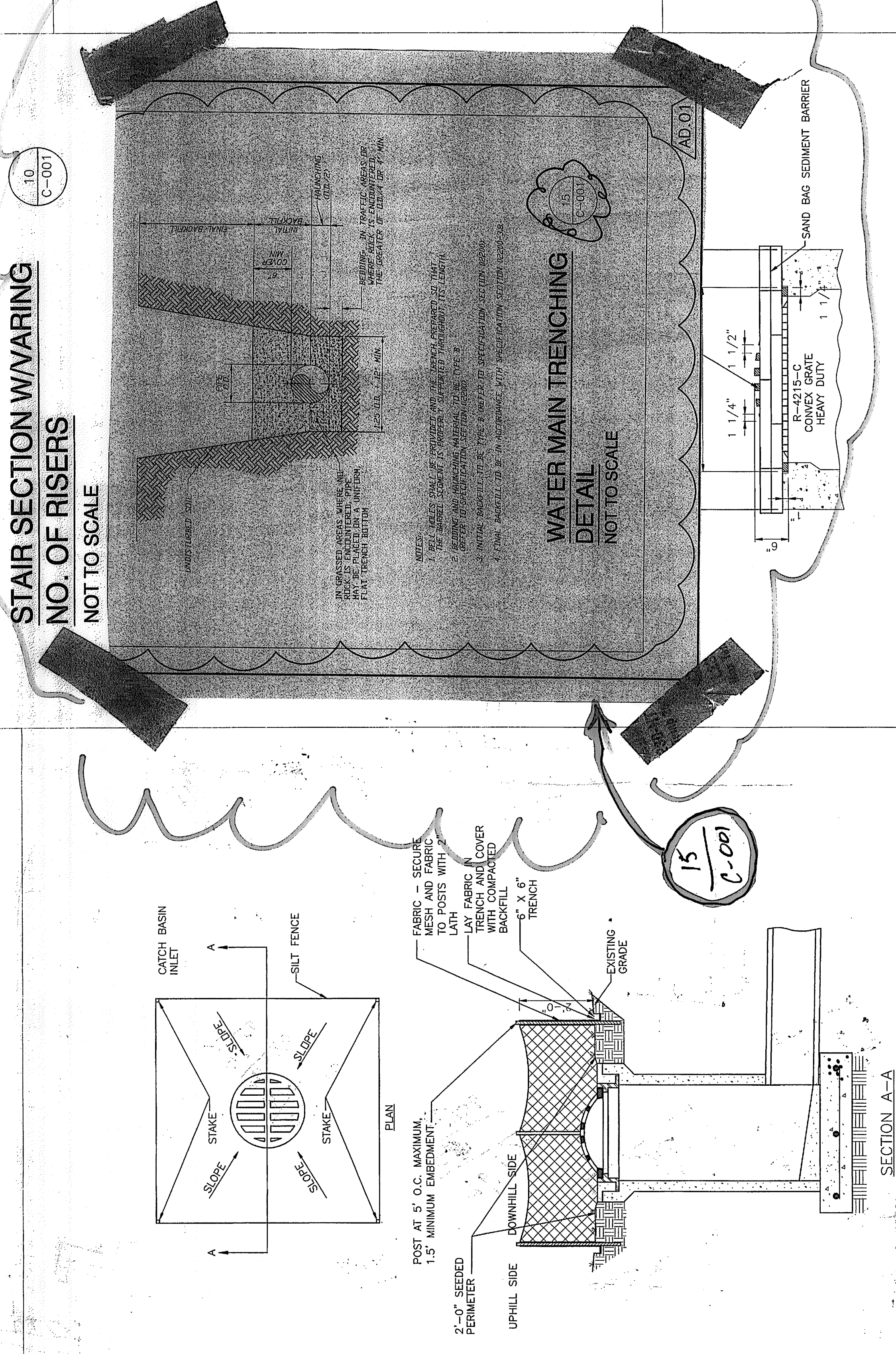




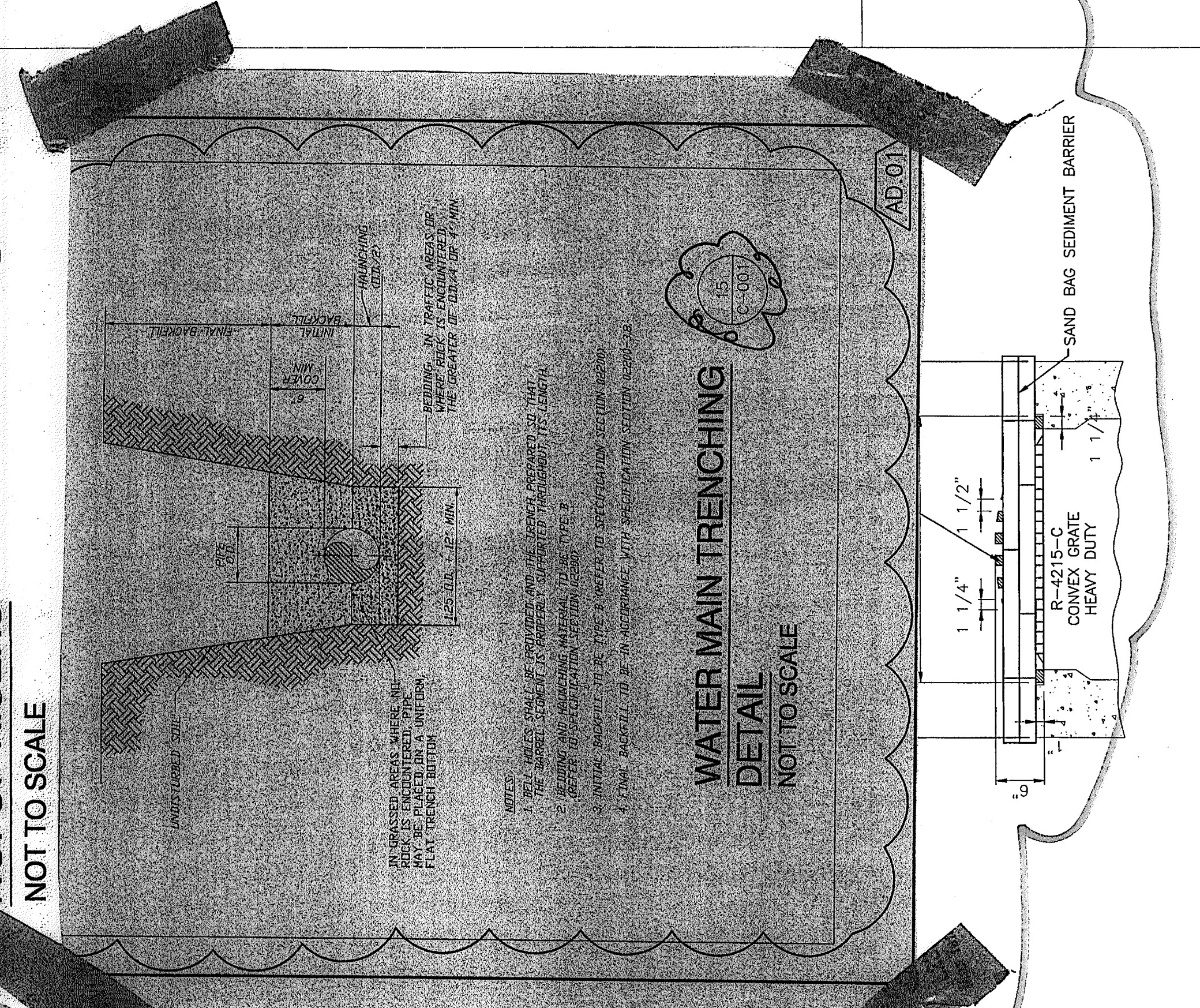
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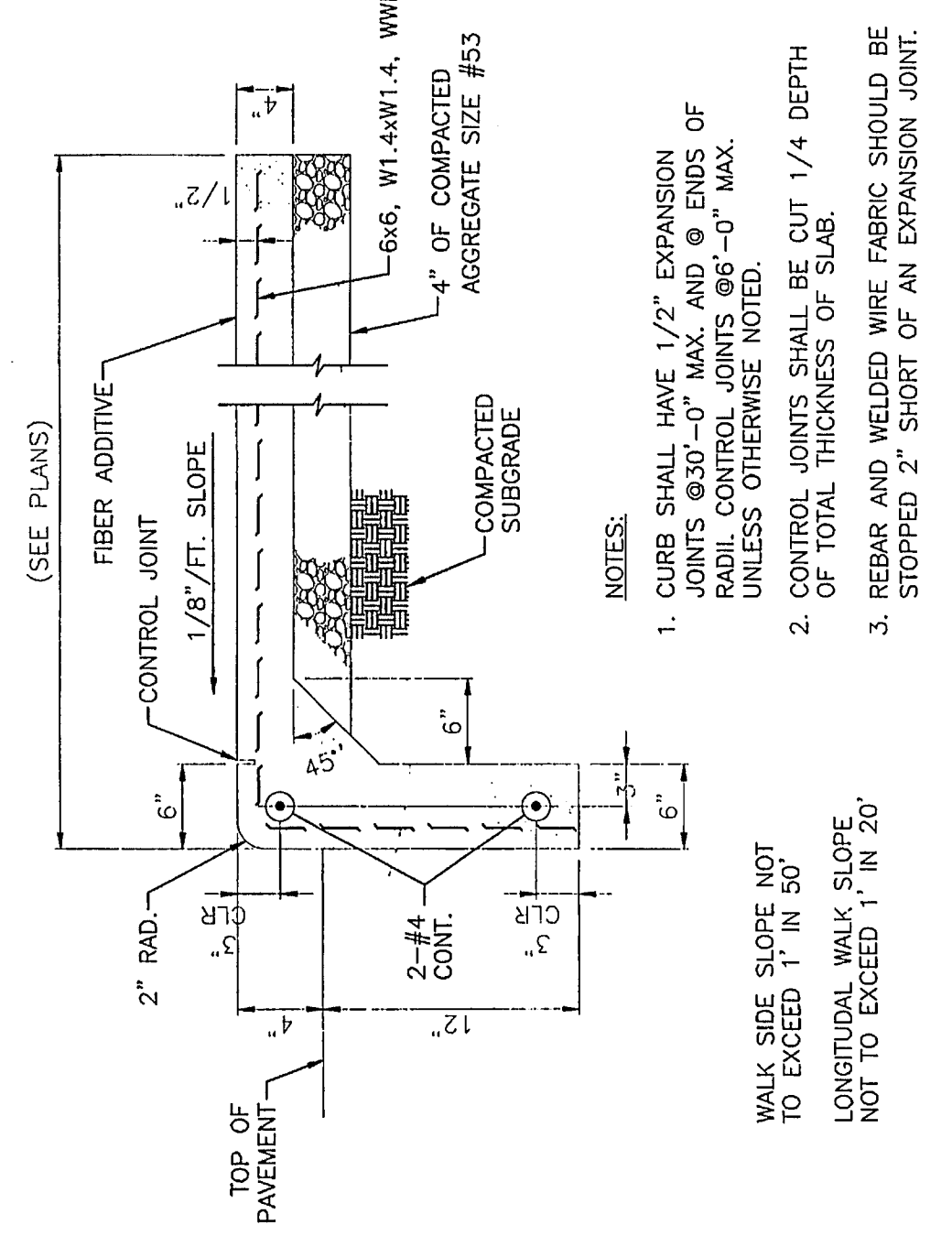
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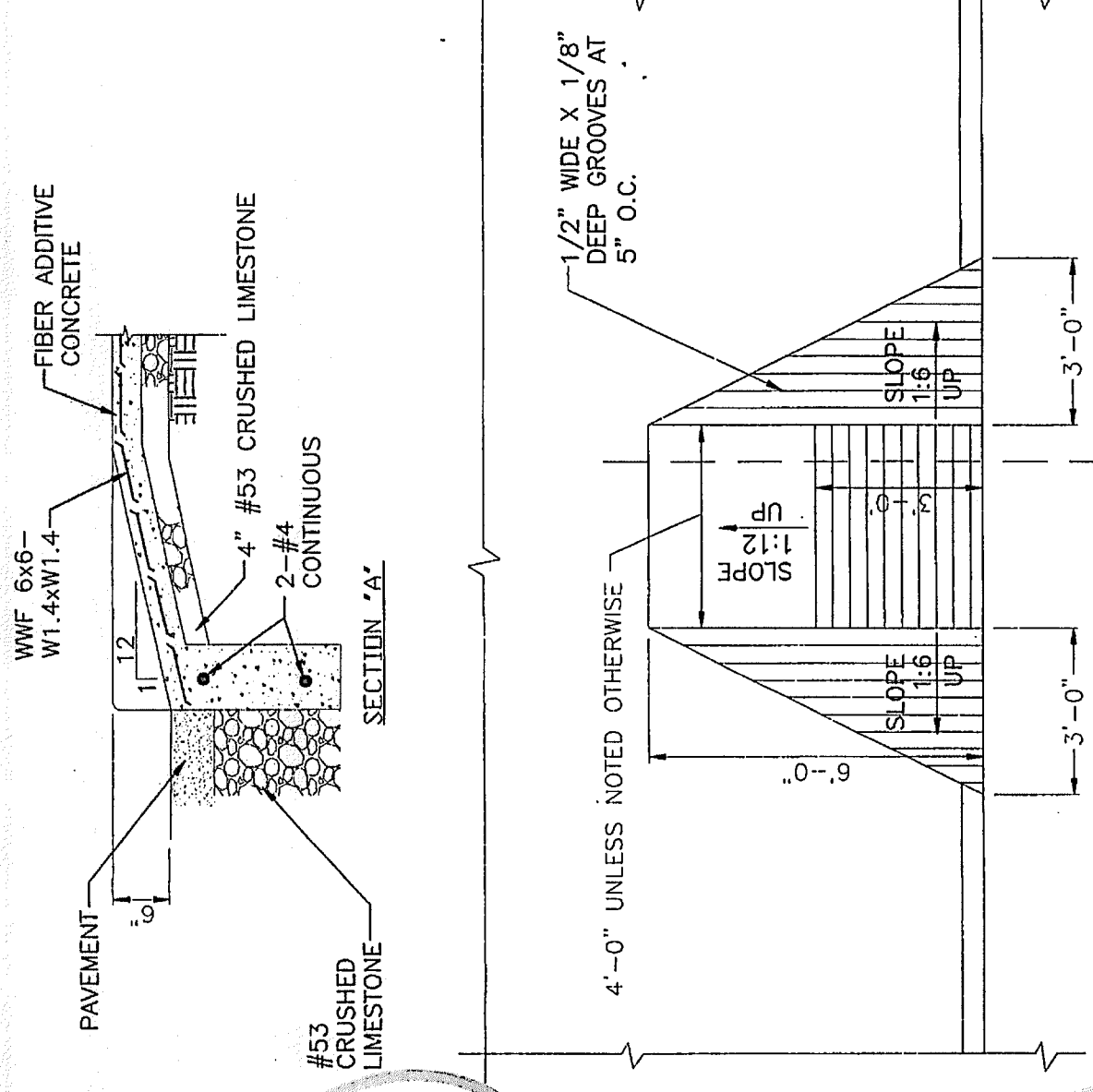
STAIR SECTION W/VARING
NO. OF RISERS
NOT TO SCALE



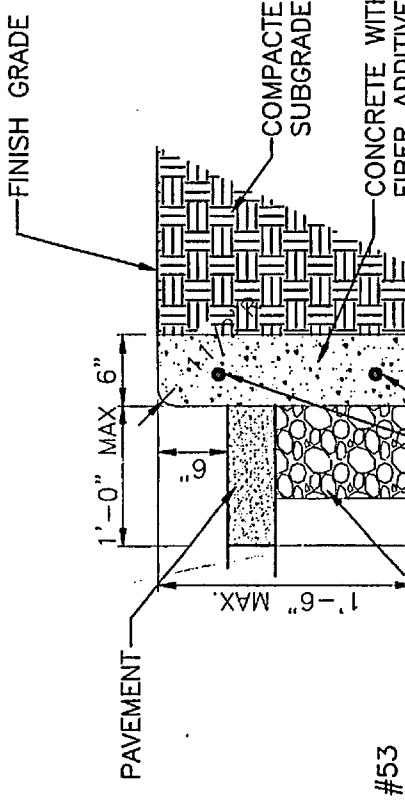
**REINFORCED CONCRETE PIPE (RCP) AND
DUCTILE IRON PIPE TRENCH DETAIL**
WITHIN 5' OF EDGE OF PAVEMENT
NOT TO SCALE



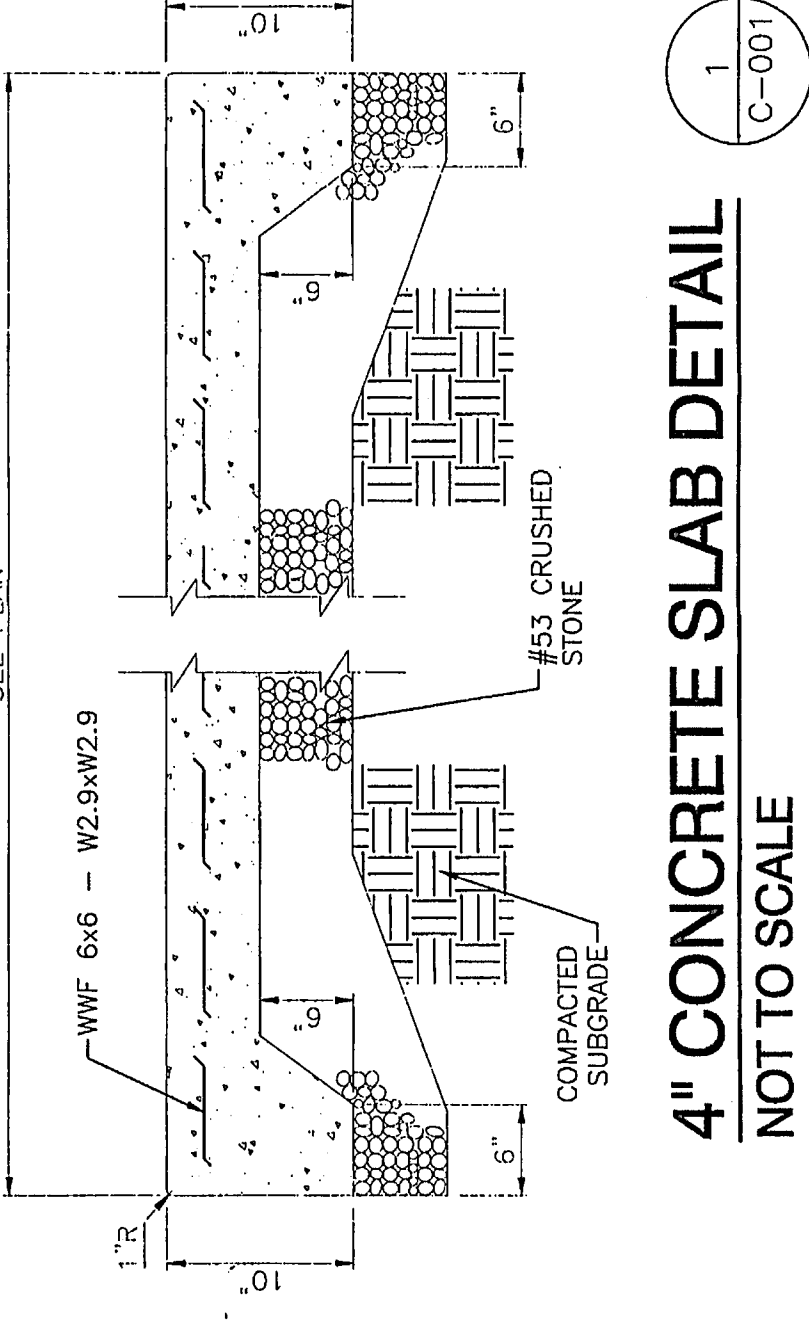
MONOLITHIC CURB & SIDEWALK
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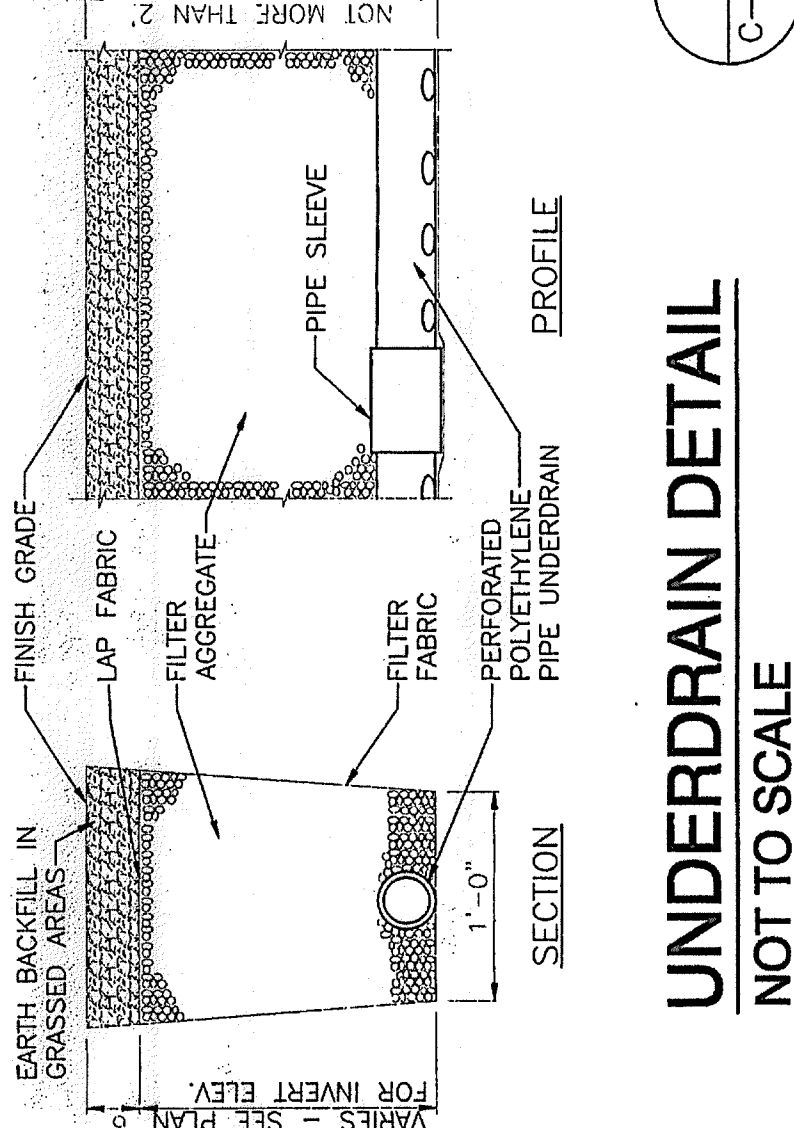
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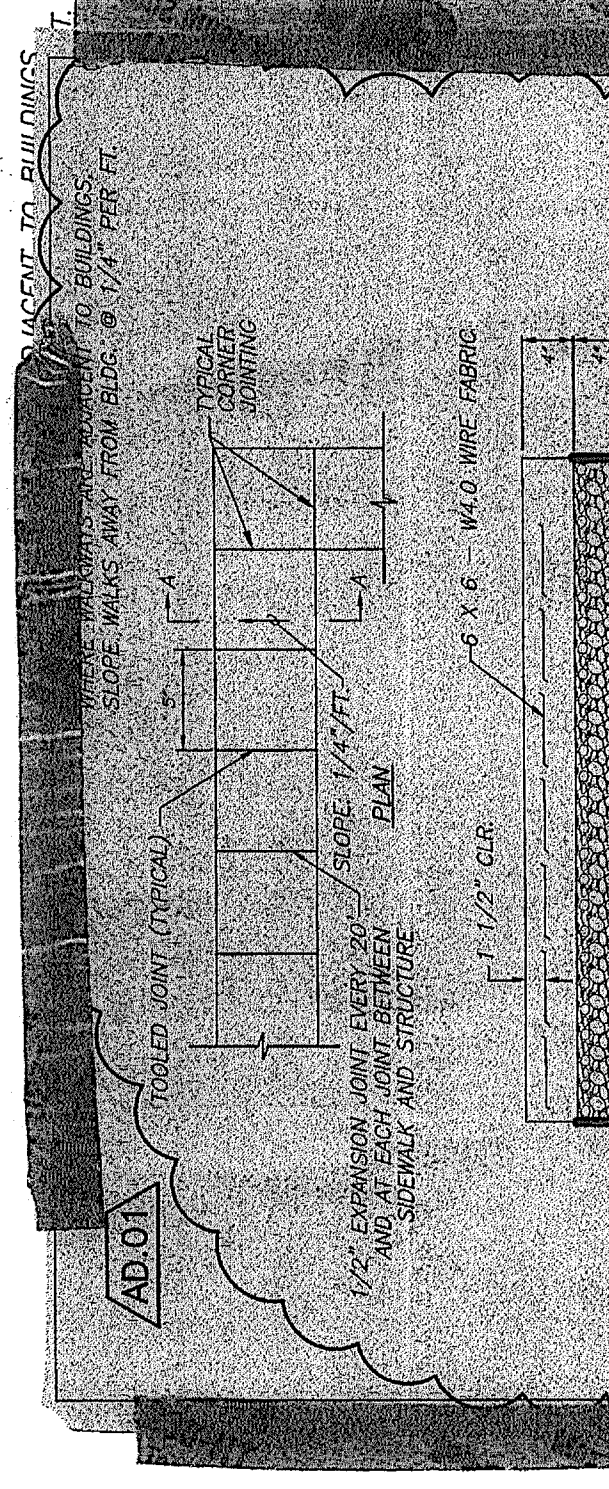
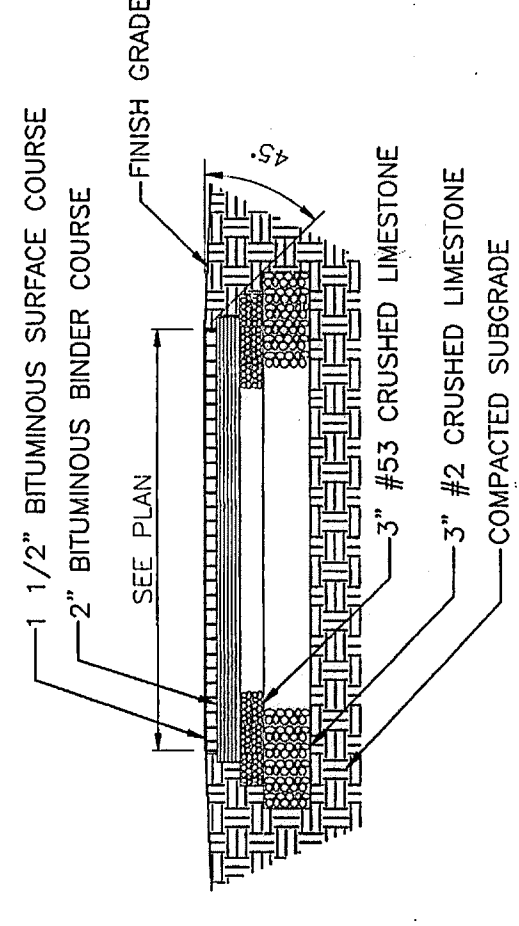
4" CONCRETE SLAB DETAIL
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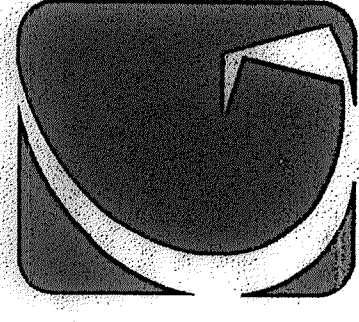


UNDERDRAIN DETAIL
NOT TO SCALE



PAVEMENT DETAIL
MEDIUM DUTY
NOT TO SCALE

[illegible]



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PROJECT
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IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL AND
RELATED
WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

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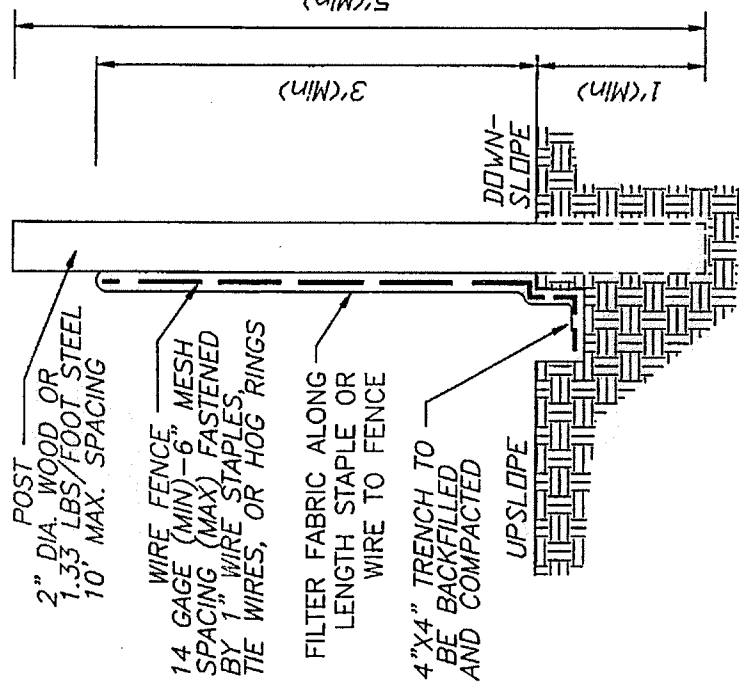
5102 N. Madison St., Ste. 200
Indianapolis, IN 46280
Homepage: www.gibaltardesign.com
Phone: 317.580.5777 Fax: 317.580.5778

REVISIONS
MARK DATE ISSUED FOR

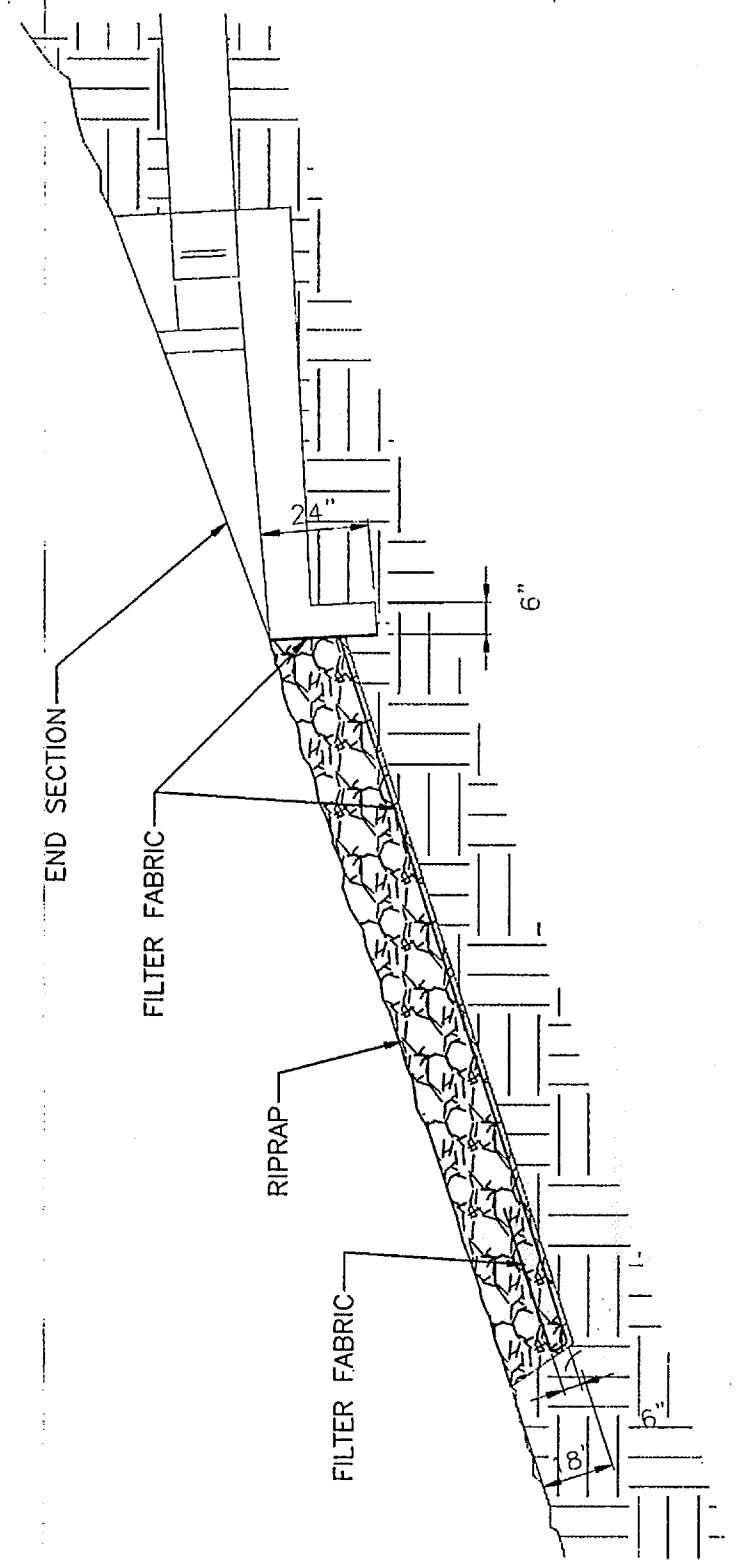
DRAWING
CIVIL DETAILS

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

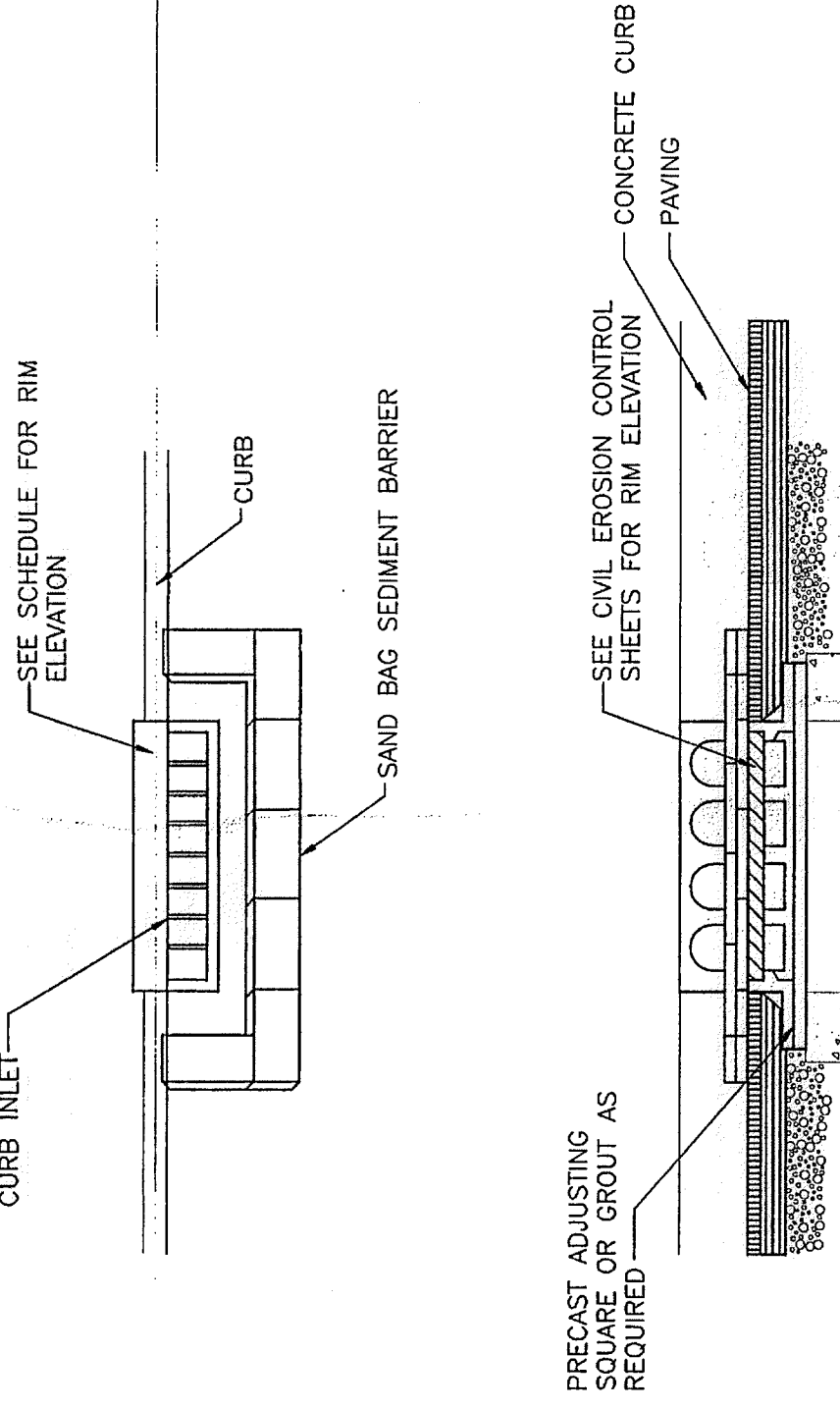
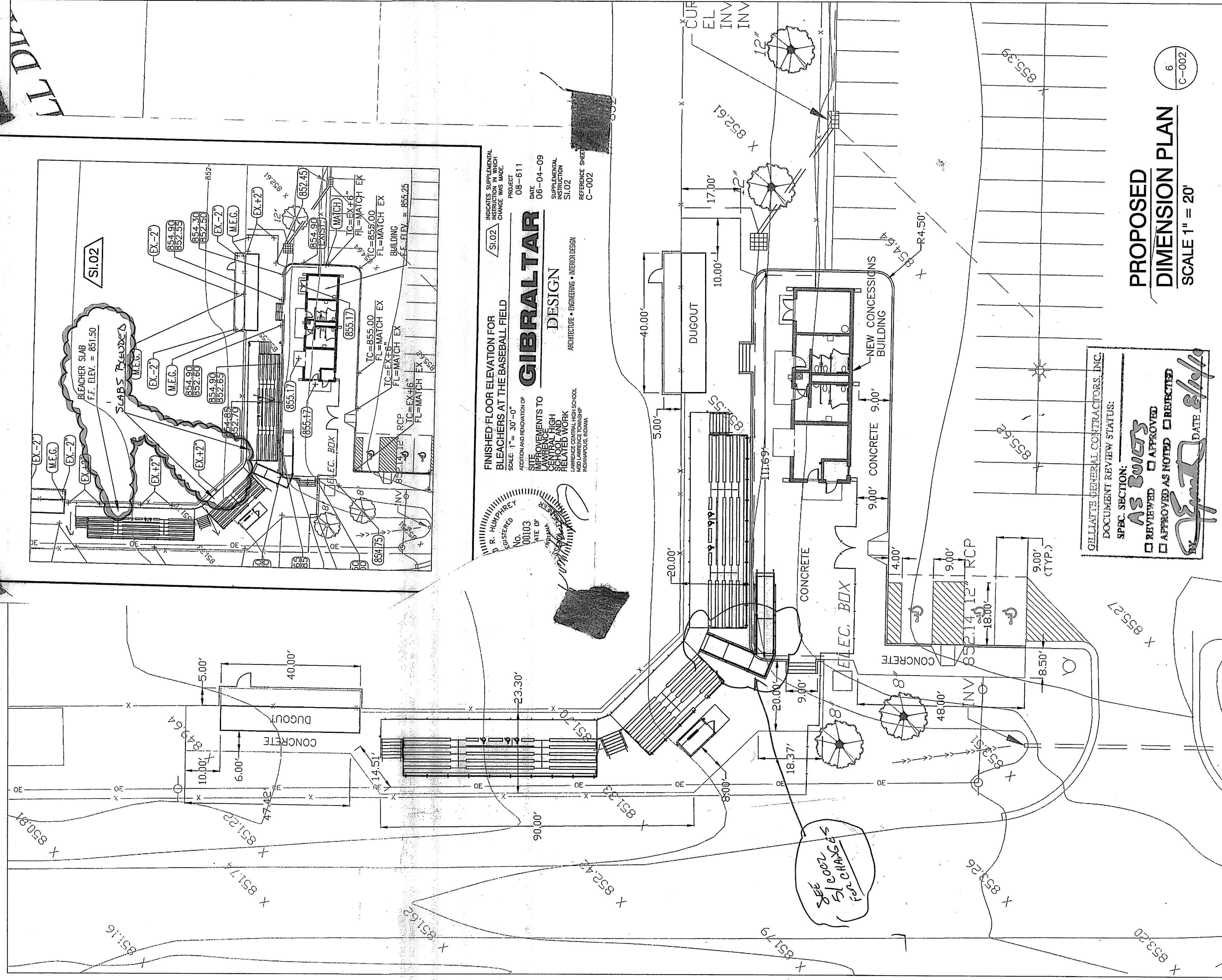
SHEET
C-002



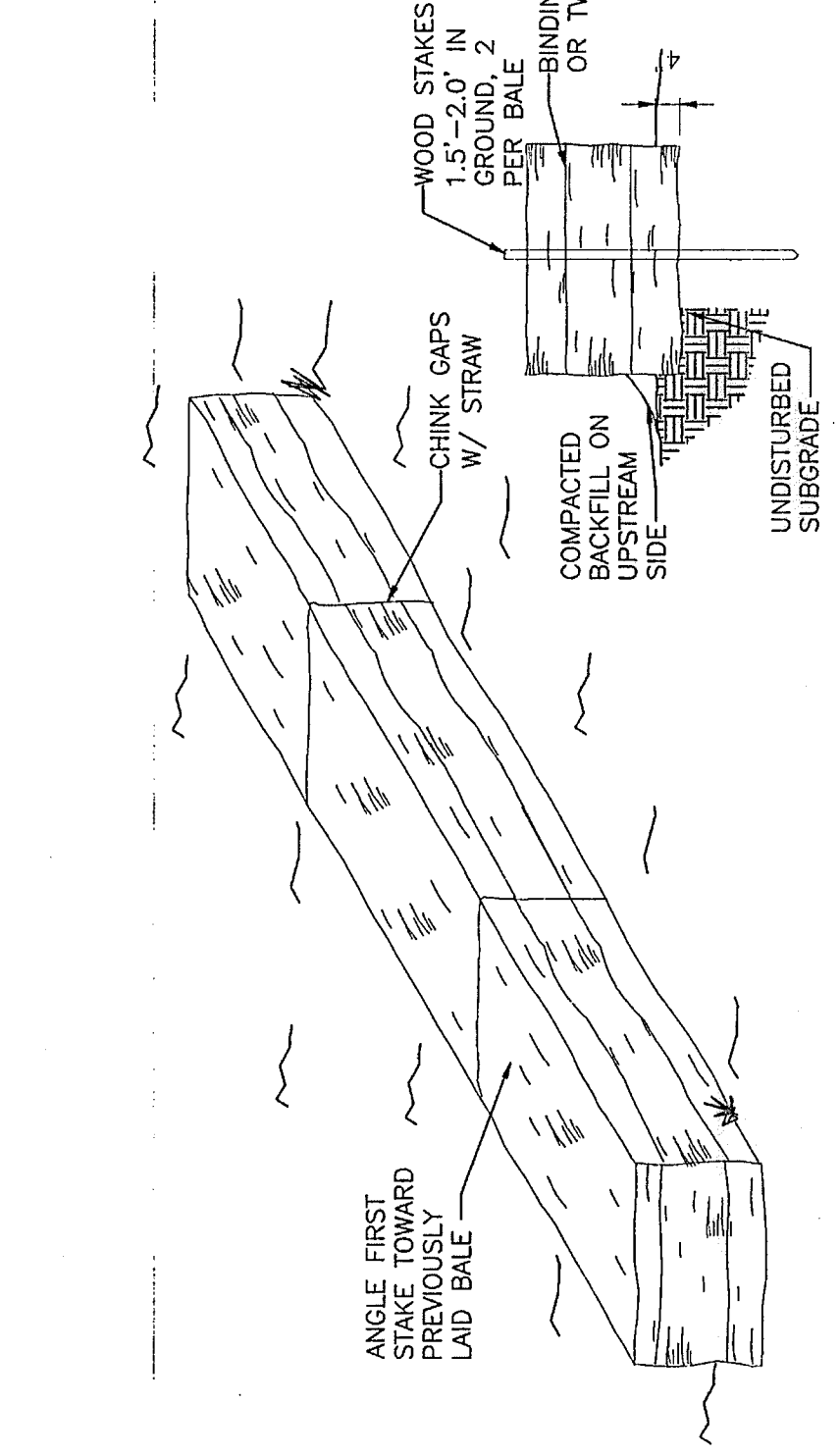
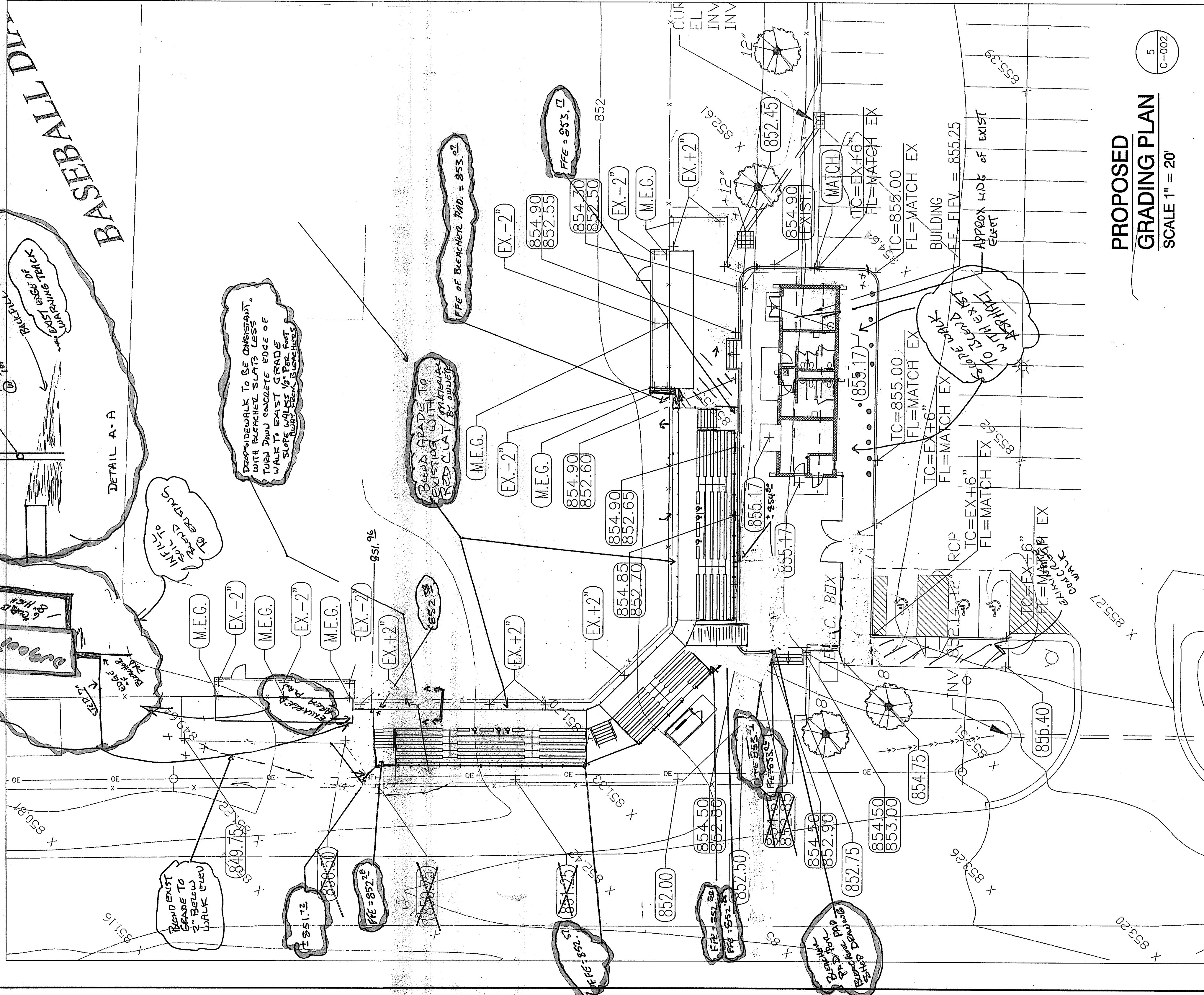
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RIPRAP DETAIL
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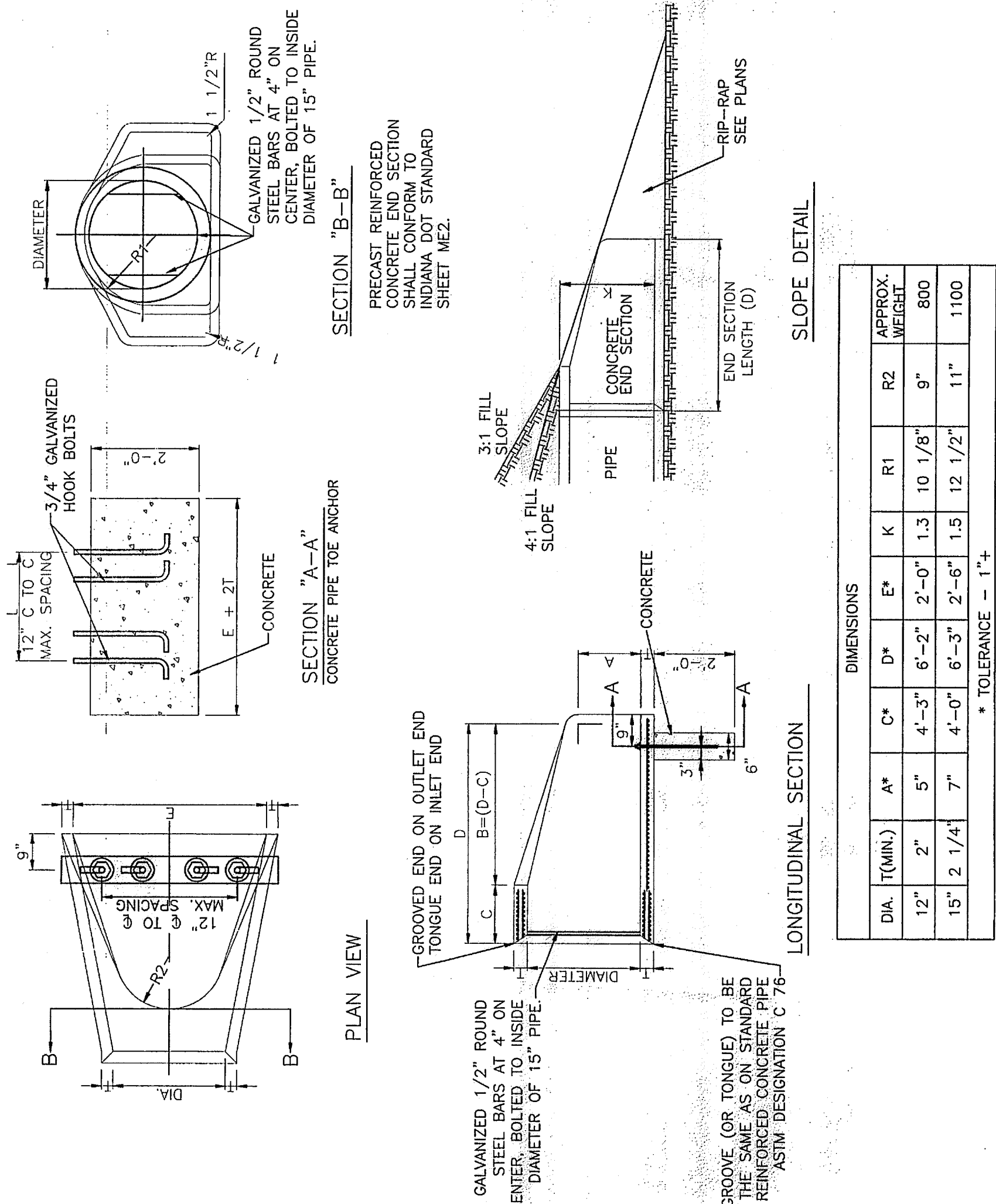
**SAND BAG CURB
SEDIMENT BARRIER**
NOT TO SCALE



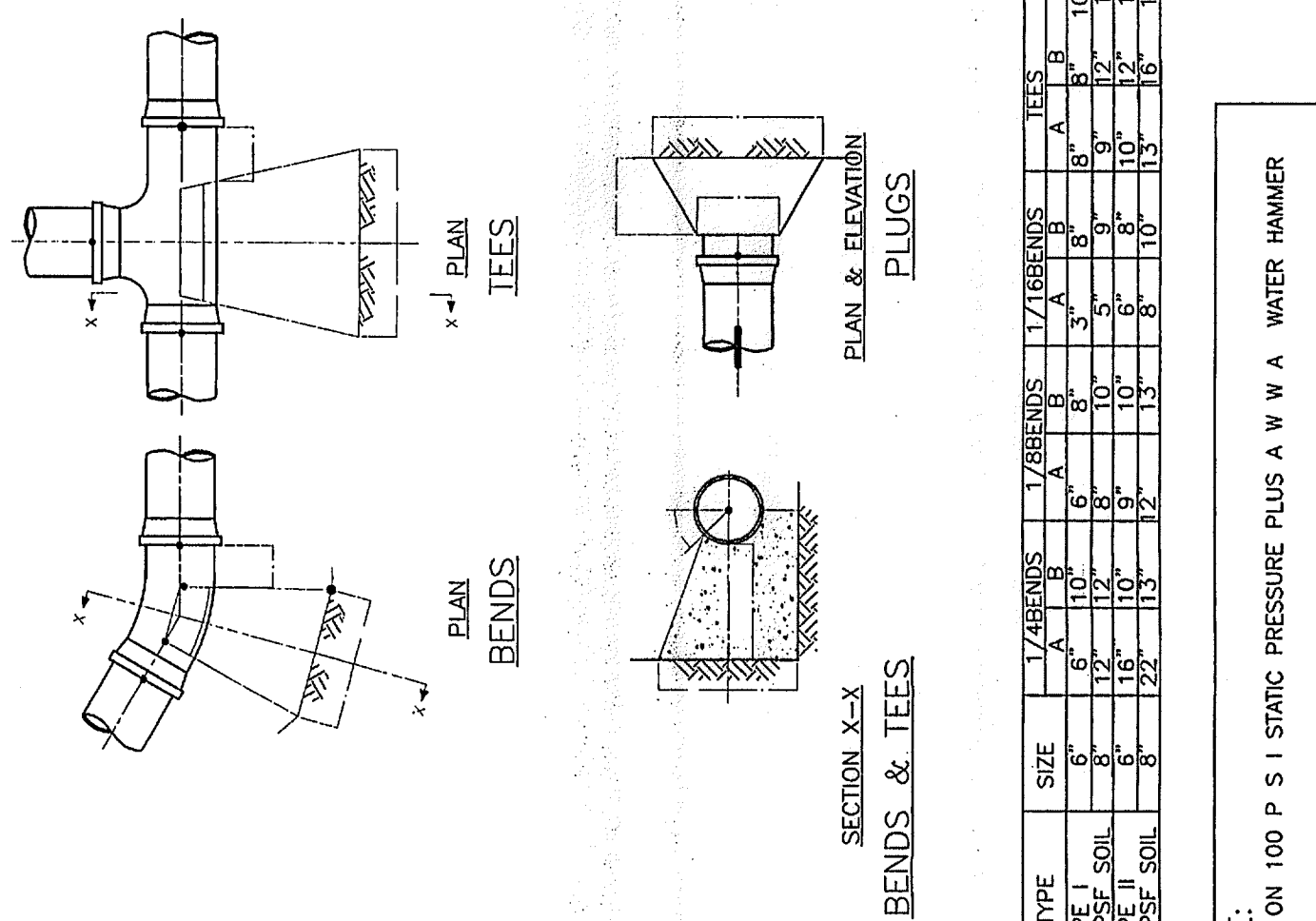
STRAW BALE FILTER DETAIL
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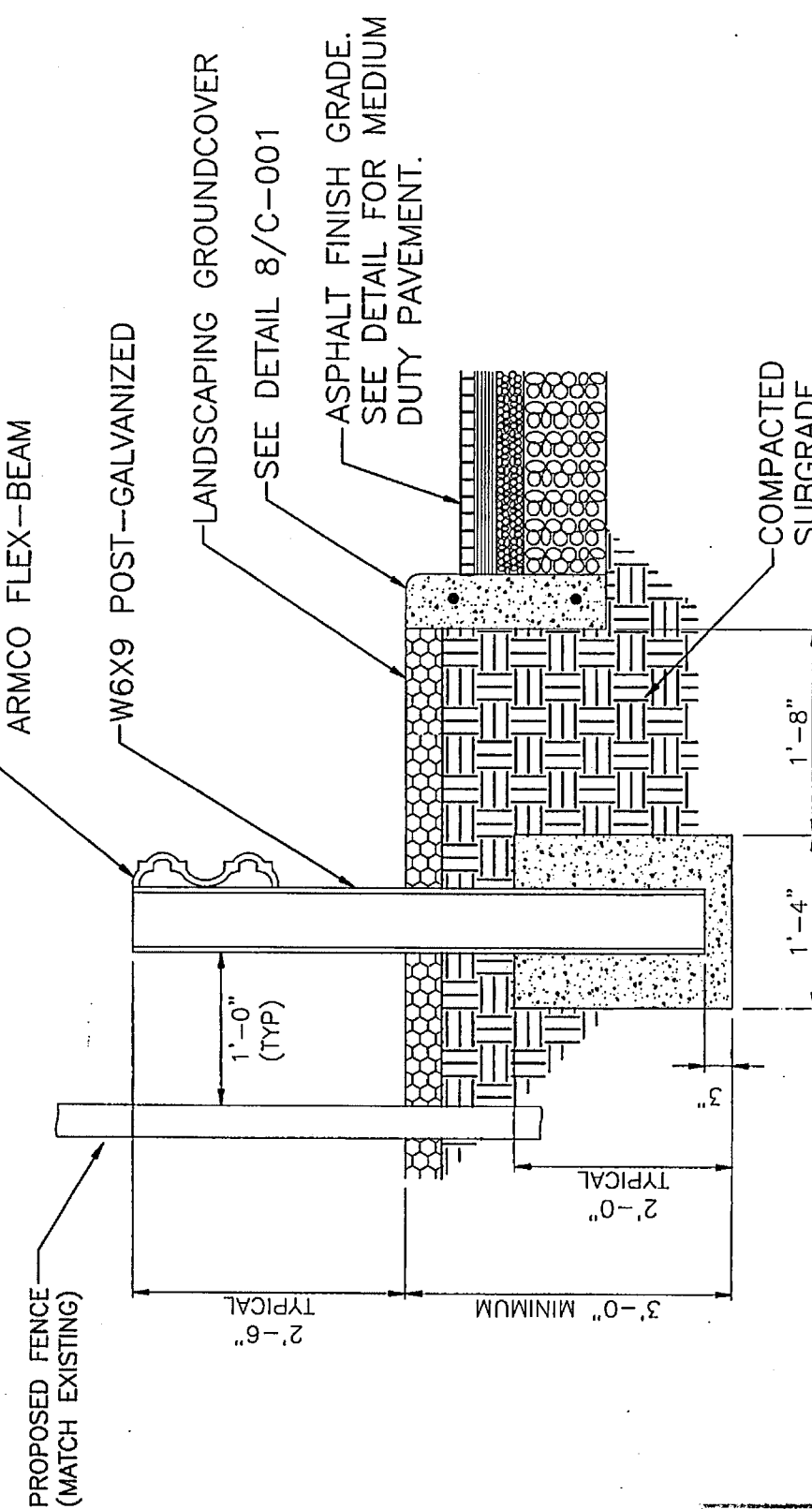
PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA



**PRECAST CONCRETE END
SECTION DETAIL
NOT TO SCALE**

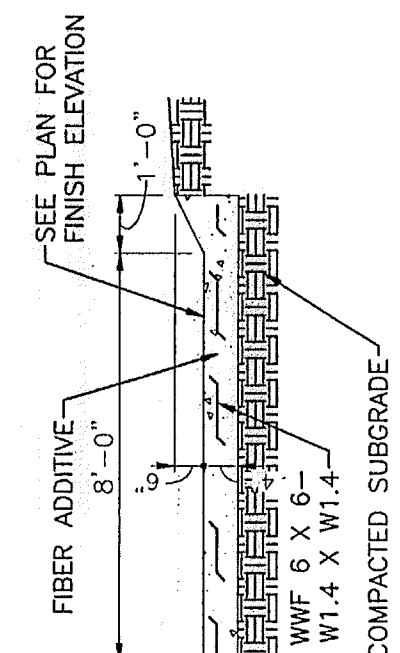


NOT TO SCALE
CONTRACT NO. 414

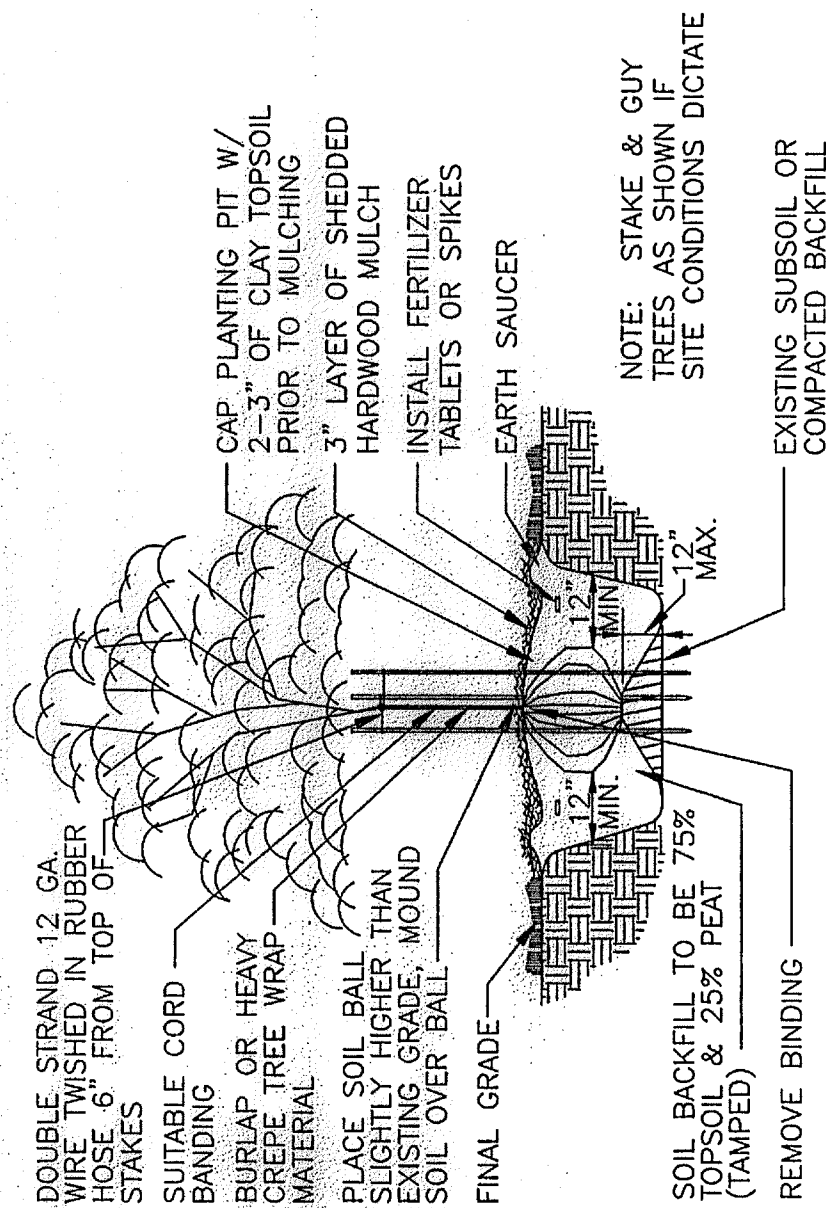


QILINTA GENERAL CONTRACTORS, INC. DOCUMENT REFERENCE STATUS:	SPEC. SECTION: ASBURY
☐ REVIEWED ☐ APPROVED AS NOTED ☐ REJECTED	DATE: 2/20/00 BY: ASBURY

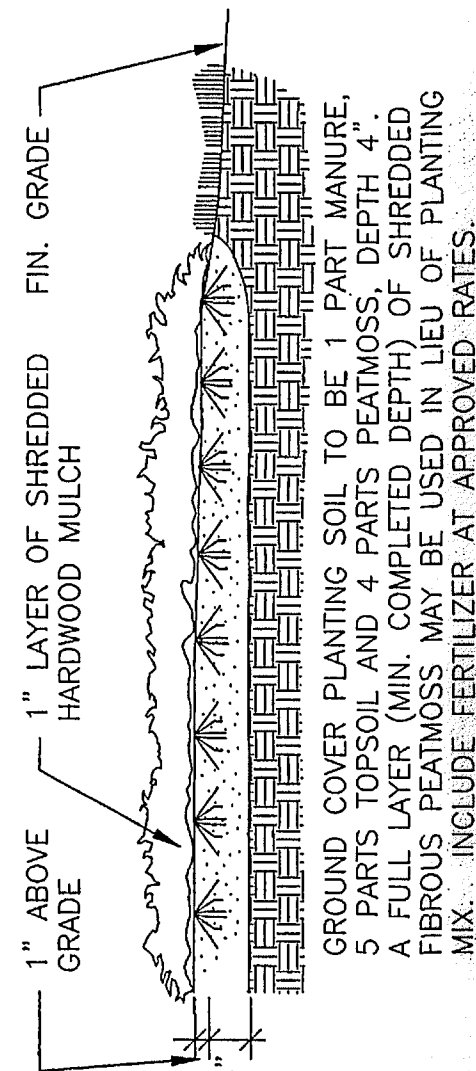
GUARD RAIL DETAIL
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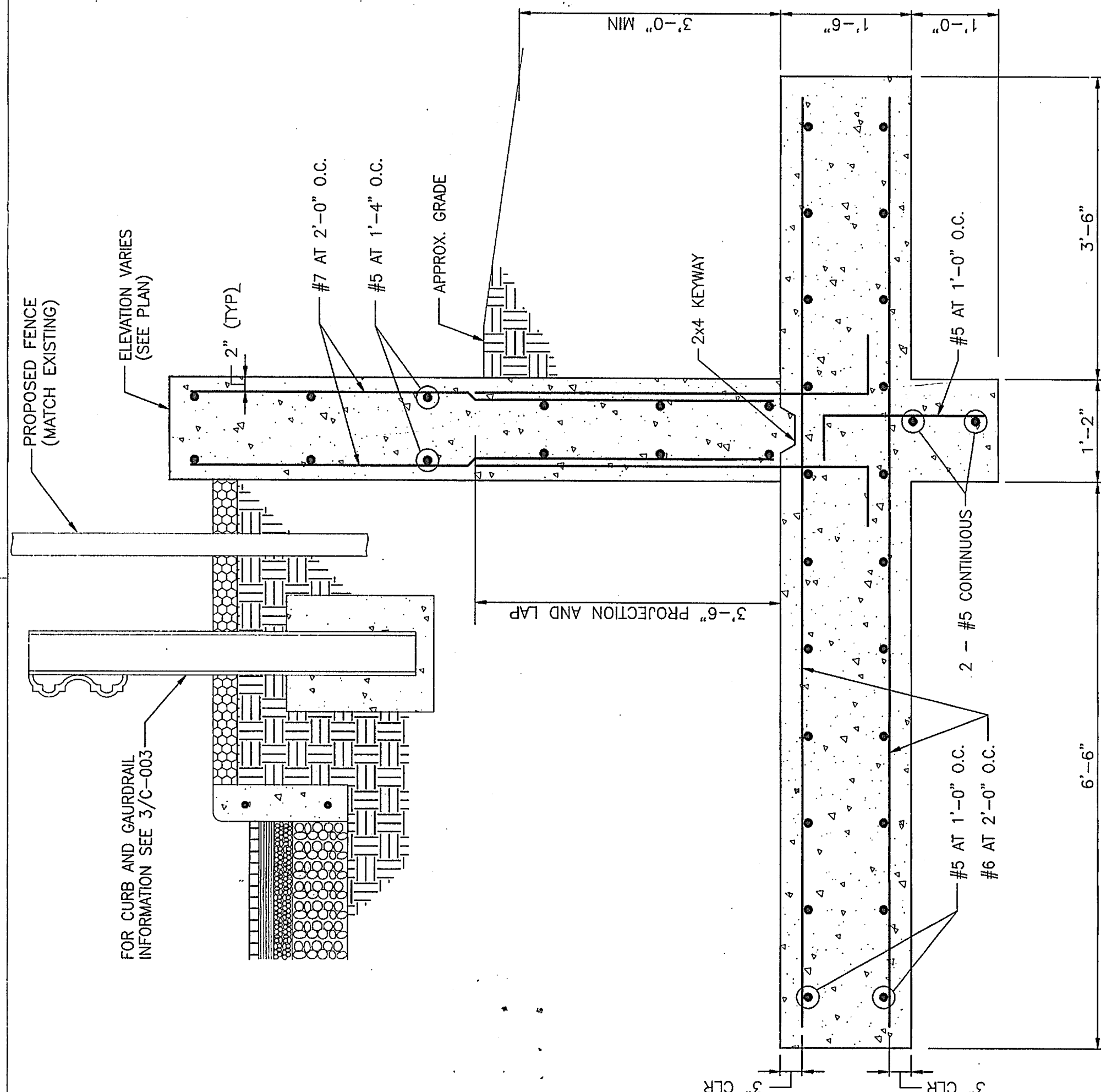
**CONCRETE DRAINAGE
CHANNEL
NOT TO SCALE**



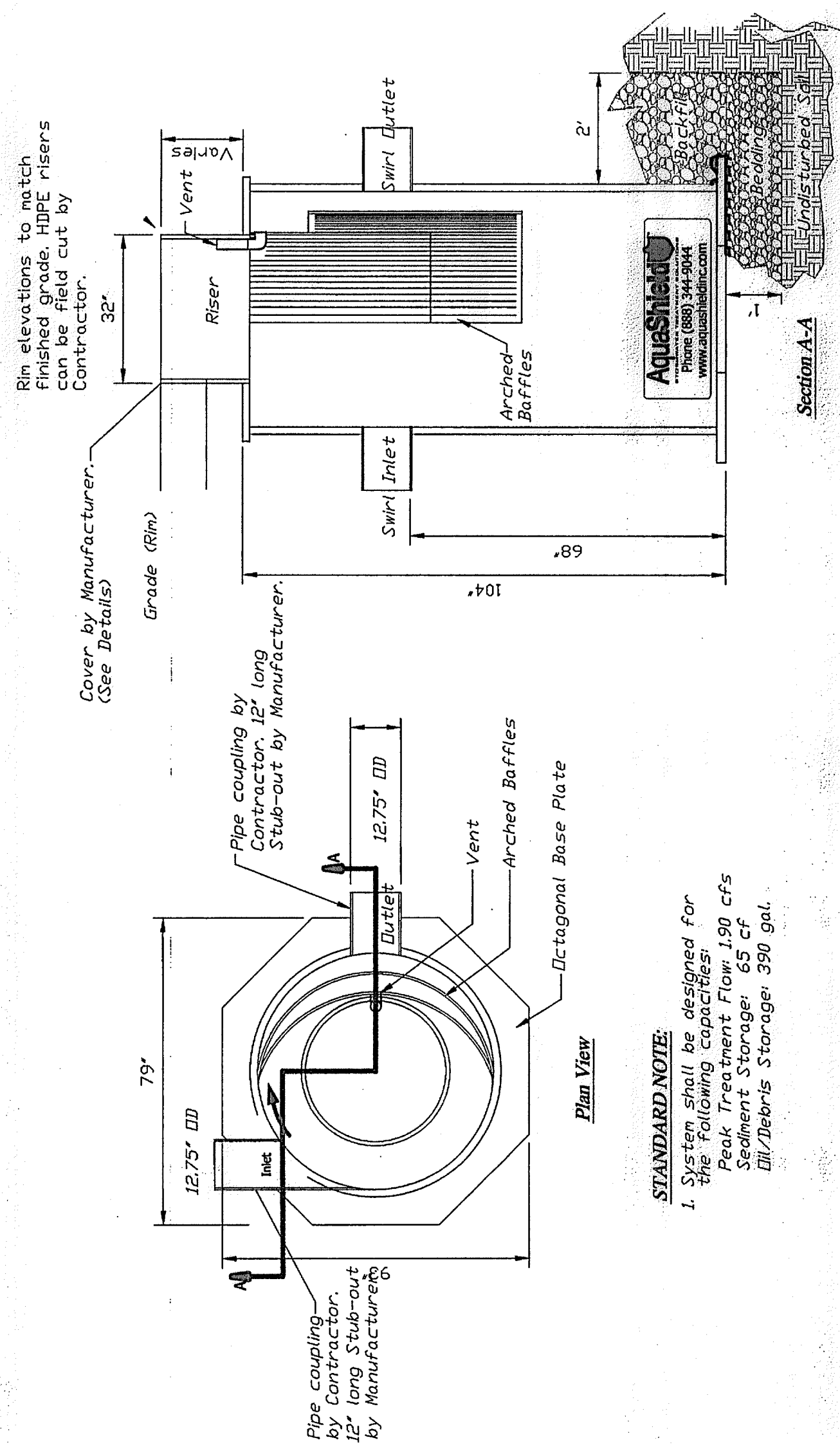
TREE PLANTING DETAIL
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GROUND COVER DETAIL
NOT TO SCALE



RETAINING FOUNDATION WALL
NOT TO SCALE



NOTE:

Aqua-Swirl Installation Notes:

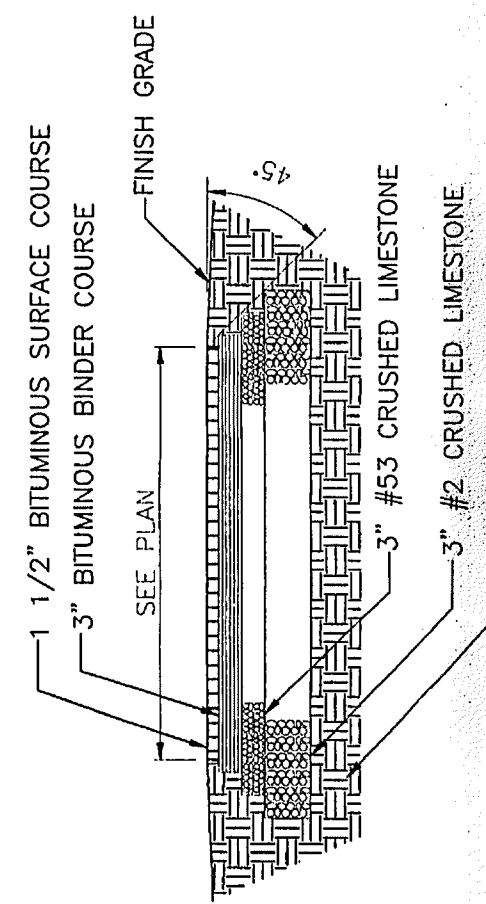
Bedding and Backfill material shall be Class I meeting the requirements of ASTM D2321. Bedding shall extend at least 3' beyond the outside of the structure and shall be compacted to 95% proctor density. Backfill material shall be compacted to 90% proctor for the full height of the structure.

Connections to storm piping shall be made using flexible couplings and snear guard.

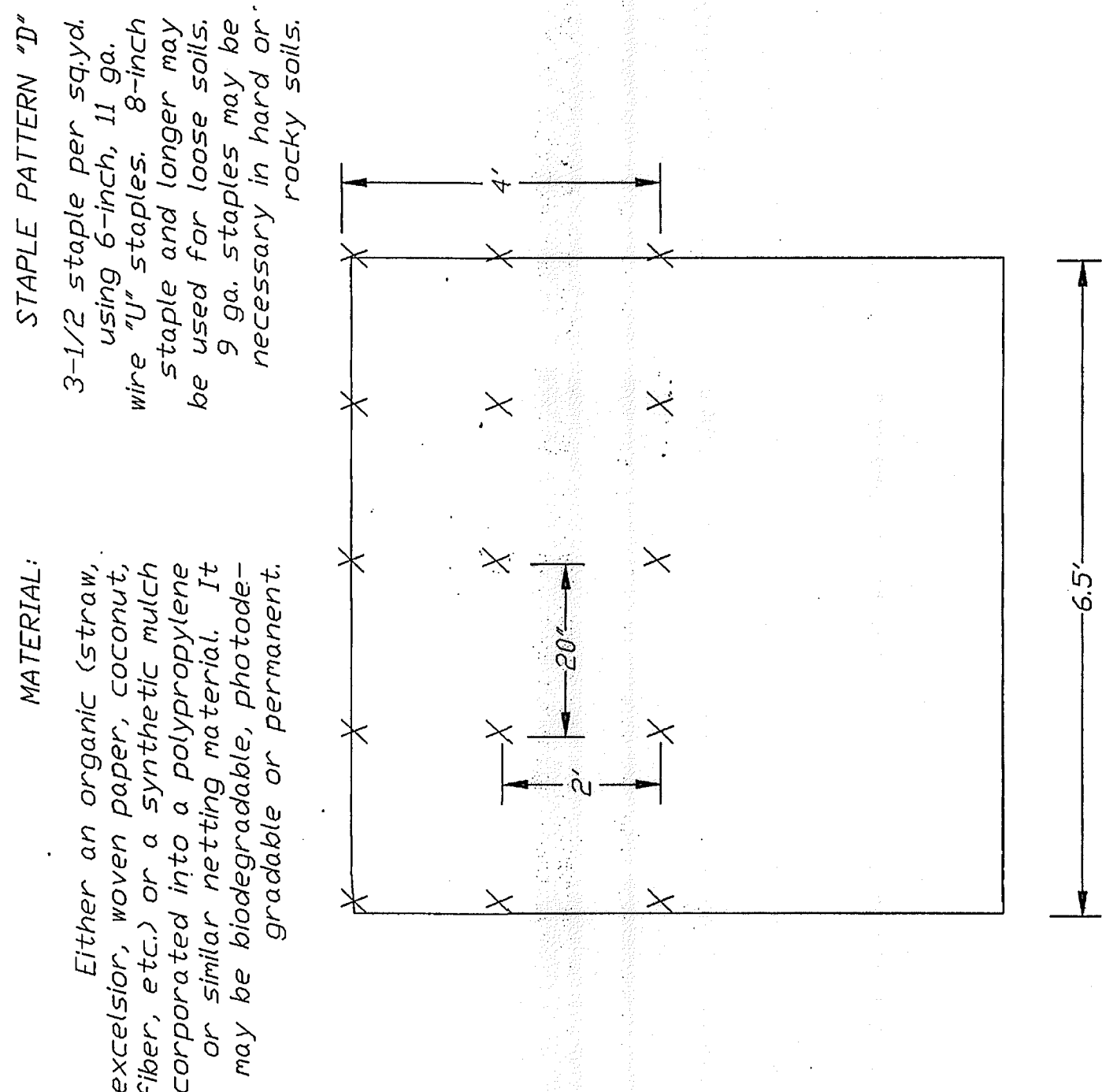
AQUA-SWIRL CONCENTRATOR MODEL AS-5 OFF-LINE

STANDARD DETAIL

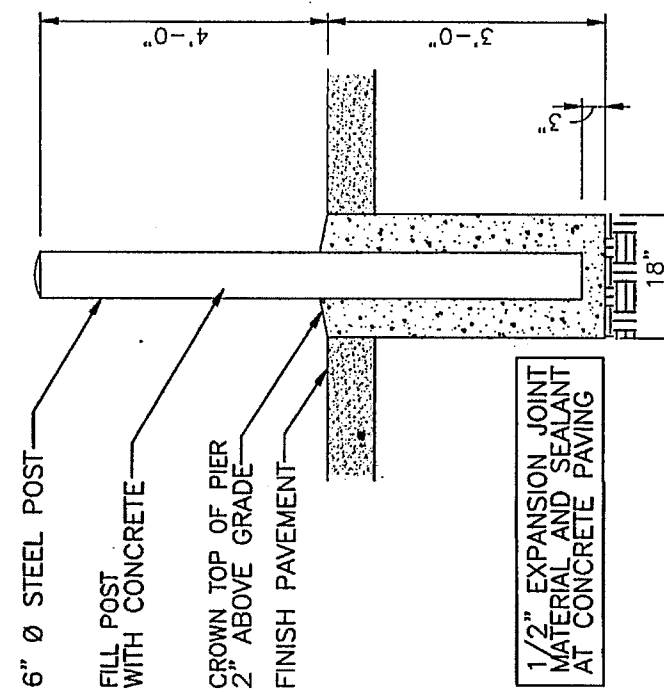
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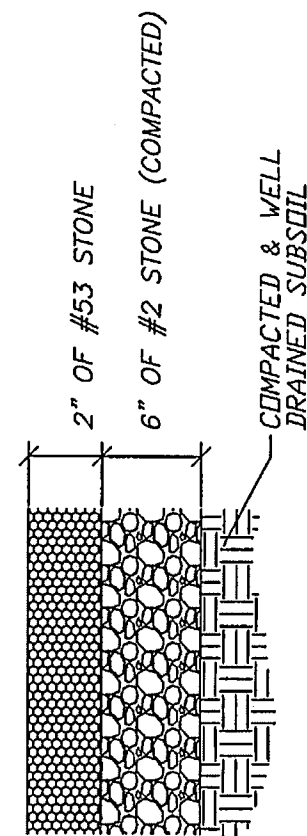
PAVEMENT DETAIL
HEAVY DUTY
NOT TO SCALE



EROSION CONTROL BLANKET
NOT TO SCALE



BOLLARD DETAIL
NOT TO SCALE



GRAVEL DRIVE DETAIL
NOT TO SCALE



PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

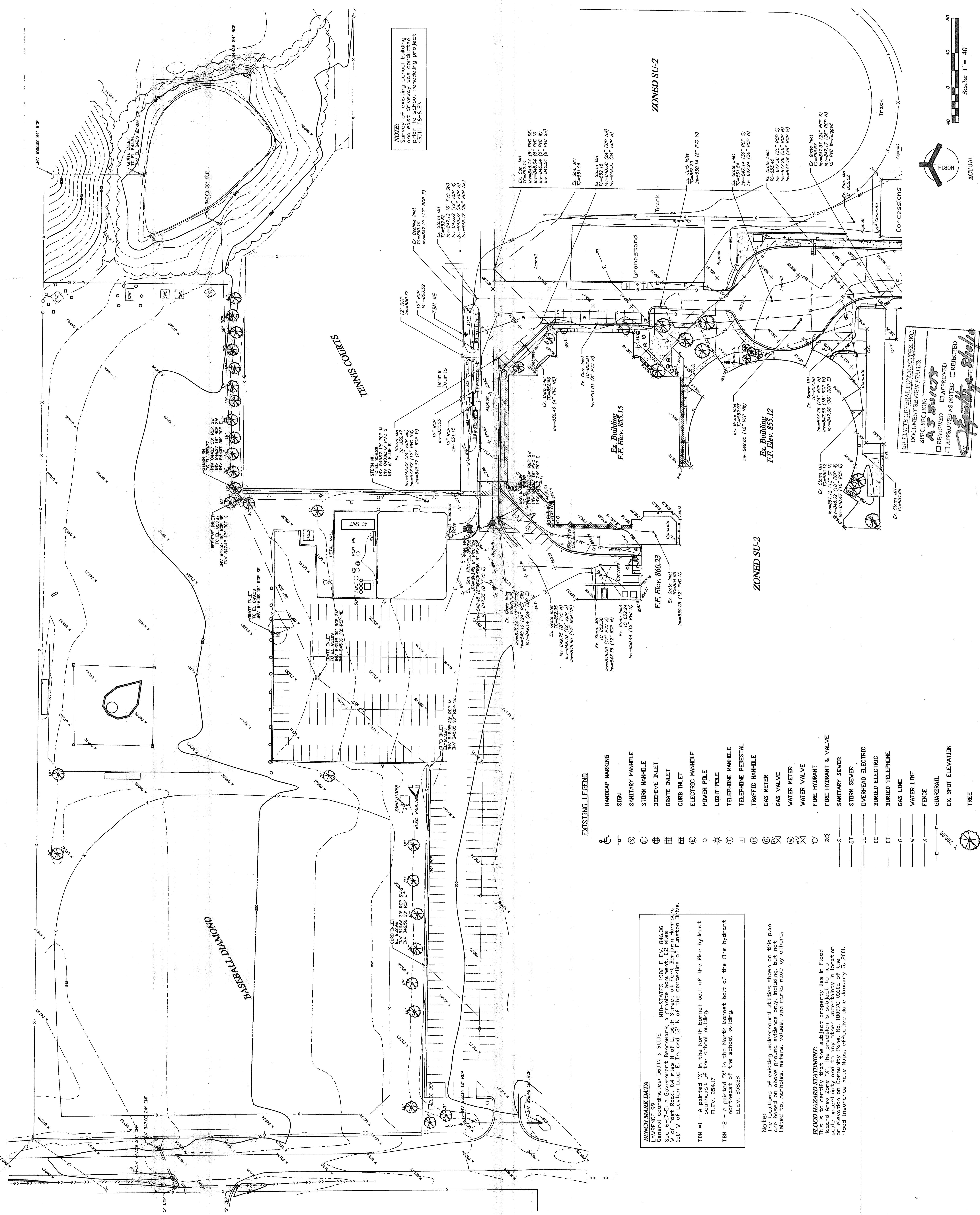
4FORESIGHT ENGINEERING
Civil Engineers & Land Surveyors
1099 N. MERIDIAN ST., SUITE 900
Indianapolis, Indiana 46204
317.617.1250

GIBALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

[illegible]

DRAWING CIVIL SITE SURVEY	PROJECT	SHEET
	SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS	
GEORALTAR DESIGN		

CS101



BENCH MARK DATA

LAWRENCE 99	
General coordinates 5600N & 9000E	WD-STATES 1992 ELEV. 846.36
Sec. 6-17-5: A Government Benchmark,	a granite monument, 0.2 miles
W of Post Road, 0.4 miles N of E. 35th Street at Fort Benjamin Harrison,	1/3 W of Lawton Loop E. Dr. and 13' N of the centerline of Funston Drive
ITEM #1	A painted 'x' in the North banner bolt of the fire hydrant southeast of the school building. ELEV. 854.17
ITEM #2	A painted 'x' in the North banner bolt of the fire hydrant northeast of the school building. ELEV. 858.38

Note:
The locations of existing underground utilities shown on this plan are based on above ground evidence only, including, but not limited to, manholes, meters, valves, and marks made by others.

FLOOD HAZARD STATEMENT:
This is to certify that the subject property lies in Flood Hazard Area Zone "X". The prediction is subject to map scale uncertainty and to any other uncertainty in location or elevation on Community Panel No. 18097C 0160E of the Flood Insurance Rate Maps, effective date January 5, 2001.



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PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GENERAL NOTES:

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR PLUMBING, CONTRACTOR MUST PREPARE AND SUBMIT SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

- 1 REMOVE CURB AND AGGREGATE BASE.
- 2 REMOVE ASPHALT AND AGGREGATE BASE.
- 3 EXCAVATE AND REMOVE EXISTING CONCRETE PAVEMENT.
- 4 REMOVE BLEACHERS, CONCRETE PAD AND AGGREGATE BASE.
- 5 REMOVE PRESS BOX, CONCRETE PAD AND AGGREGATE BASE.
- 6 REMOVE GRASS AND STRIP TOPSOIL.
- 7 REMOVE TREE (INCLUDING STUMP).
- 8 RELOCATE BIRD THUNDER AND REMOVE CONCRETE PAD AND AGGREGATE BASE. SEE SHEET C101.
- 9 REMOVE CAGE TIE-DOWNS.
- 10 REMOVE FENCE.
- 11 FENCE REMOVAL LIMIT.
- 12 EXCAVATE BANK TO INCREASE POND SIZE.
- 13 REMOVE TREE/DEBRIS/GRASS.
- 14 BERM, DRAIN, MUCK AND EXCAVATE POND AREA.
- 15 REMOVE SHINGLE ROOFING AT EXISTING DUGOUT.
- 16 REMOVE SIGNS FROM PRESSBOX AND SAW FOR REINSTALLATION AS DIRECTED BY THE OWNER.
- 17 REMOVE CONCRETE SLAB AND AGGREGATE BASE.

NOTE: ALL STRUCTURAL FILL PLACED ON SITE TO BE DONE IN ACCORDANCE TO LOCAL ORDINANCE.

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

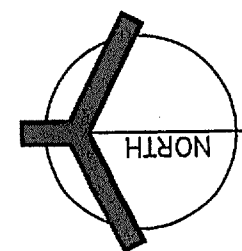
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DRAWING
CIVIL DEMOLITION PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

© GIBALTAR DESIGN

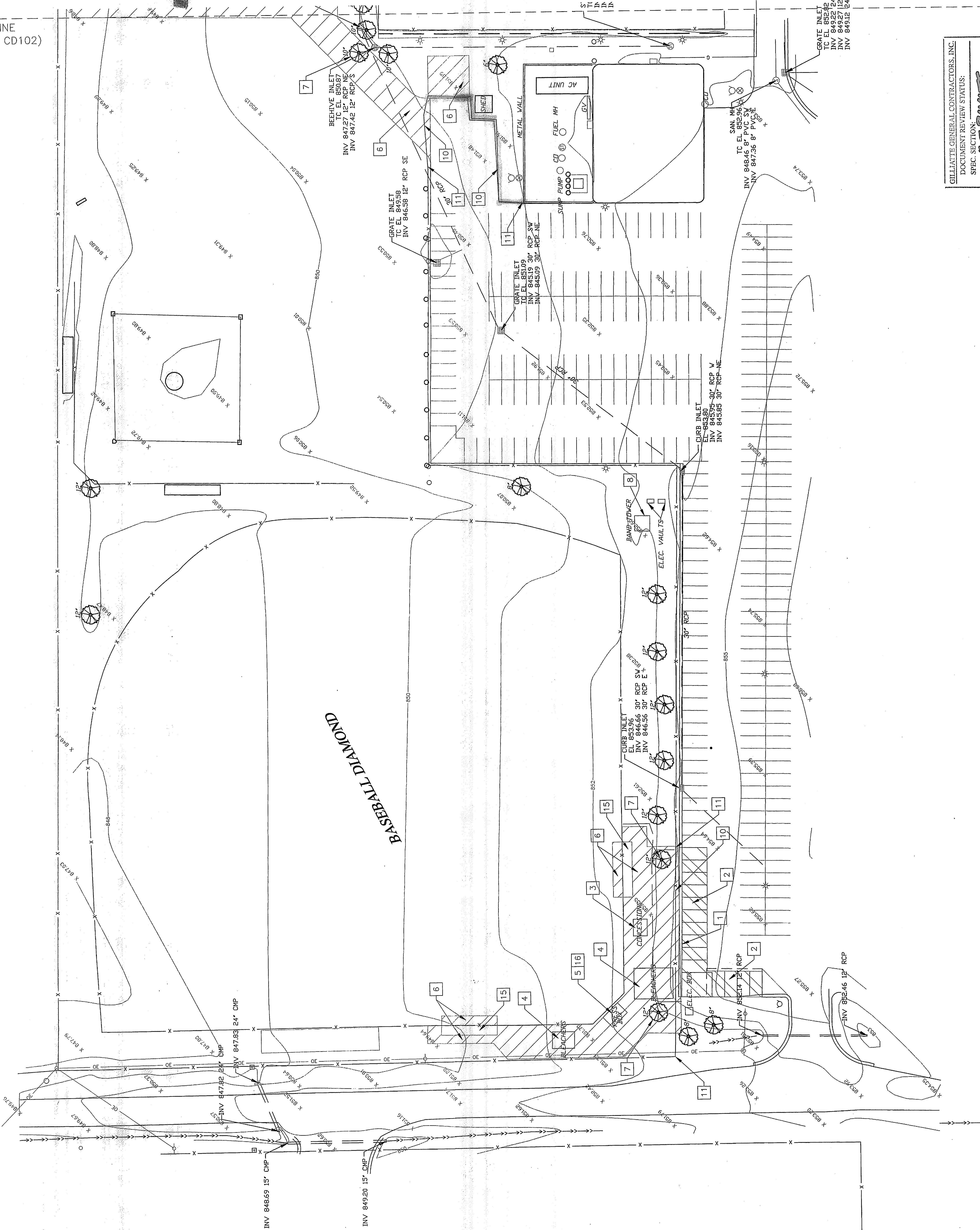
CIVIL DEMOLITION PLAN



CIVIL

DEMOLITION PLAN

MATCHLINE
(SEE SHEET CD102)



GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS:

SPEC. SECTION: _____

AS BUILT

REVIEWED ☐ APPROVED ☐

APPROVED AS NOTED ☒ REJECTED

1/2

DATE 2/11/08



PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GENERAL NOTES:

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3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR OTHER DISCIPLINES PLEASE SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

- 1 EXISTING CHARGE TO REMAIN.
- 2 DEMOLISH AND REMOVE EXISTING BUILDING, SLAB/BASEMENT AND EXISTING DRIVE/PAVING. REMOVE EXISTING DRIVE/PAVING TO STRUCTURAL FILL.
- 3 REMOVE SHELTER, SLAB AND AGGREGATE BASE.
- 4 REMOVE JUNGLE CMA.
- 5 REMOVE BASKETBALL COURT.
- 6 REMOVE ASPHALT DRIVE/PARKING LOT AND AGGREGATE.
- 7 REMOVE GRAVEL DRIVE. 
- 8 REMOVE CONCRETE WALL AND FOOTING.
- 9 REMOVE FORM STRUCTURE AND PLACE COMPACTED BACKFILL TO PROPOSED GRADE.
- 10 PUMP EXISTING SANITARY MANHOLES UNTIL DRY, THEN PUMP AND FILL WITH SAND AND PLACE CONCRETE CAP 4'-0" BELOW PROPOSED GRADE.
- 11 REMOVE STRUCTURE AND PLACE COMPACTED BACKFILL TO PROPOSED GRADE.
- 12 REMOVE EXISTING POWER AND LIGHT POLES. SEE ELECTRICAL DRAWINGS FOR DETAILS.
- 13 REMOVE GRASS AND STRIP TOPSOIL.
- 14 REMOVE VOLLEYBALL COURT AND POSTS.
- 15 GRASS AND TOPSOIL REMOVAL LIMIT LINE.
- 16 REMOVE HORSESHOE GAME EQUIPMENT.
- 17 RELOCATE EXISTING DRAINAGE SWALE. SEE SHEET CG103 FOR DETAILS.
- 18 DETAIL OF GAS LINE TO ENSURE IT MEETS CITY OF WASHINGTON COUNTY STANDARDS. COORDINATE WITH GAS COMPANY.
- 19 REMOVE GAS POSTS.
- 20 REMOVE PARKING LOGS.
- 21 REMOVE FENCE.
- 22 REMOVE FENCE.
- 23 REMOVE REMOVAL LIMIT.
- 24 REMOVE SIGN.

NOTE:
ALL STRUCTURAL FILL PLACED ON SITE TO BE
DONE IN ACCORDANCE TO LOCAL ORDINANCE.

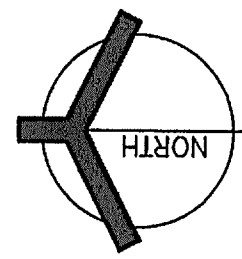
GILLIATTE GENERAL CONTRACTORS, INC. _____
DOCUMENT REVIEW STATUS: _____
SPEC. SECTION: **AS BUILTS**
☐ REVIEWED ☐ APPROVED
☐ APPROVED AS NOTED ☐ REJECTED
BY: *Spink* DATE: *8/2/96*

Call Monday through Friday—7 AM to 6 PM
 Wylie, Indiana
 Call 1-800-362-5544
 Darius, Indiana
 Call 1-800-428-5200
 2 Working Days
 Before You Dig.
 22000 UNDERGROUND UTILITY SERVICE, INC.



"IT'S THE LAW"

PER INDIANA STATE LAW 15-65-1991, IT IS AGAINST THE LAW FOR ANY EMPLOYER TO LITIGATE THE UNDERGROUND LABOR SERVICE TO GET WORKING DAYS BEFORE EMPLOYMENT WITH



CIVIL
DEMOLITION PLAN

SCALE: 1" = 20'-0"

CD103

[illegible]

DRAWING
CIVIL DEMOLITION PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

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PROJECT
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WORK

**LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA**

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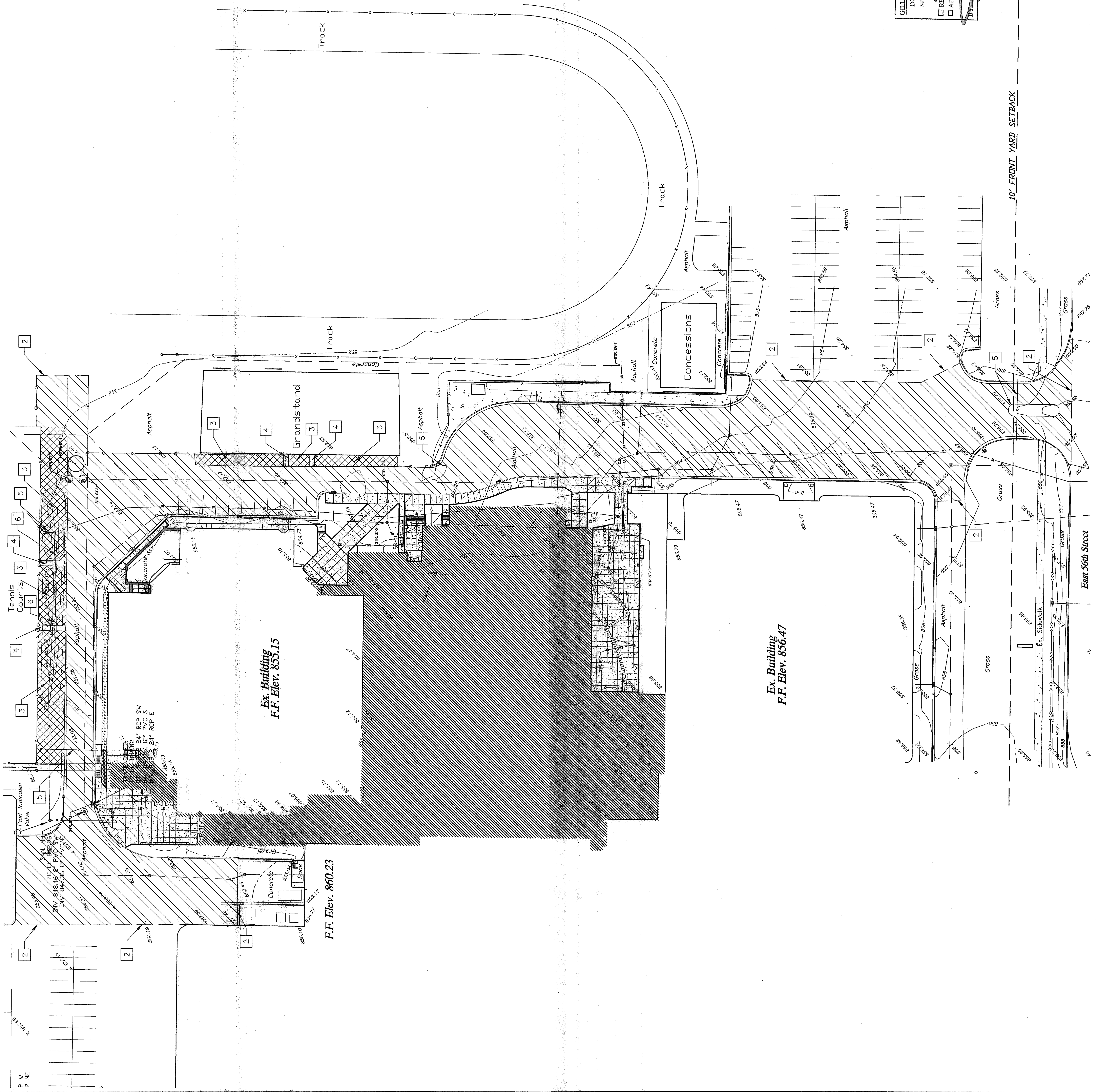
[illegible]DRAWING
CIVIL DEMOLITION PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

© GIBRALTAR DESIGN SHEET CD104

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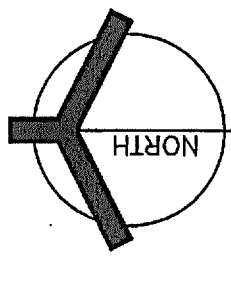
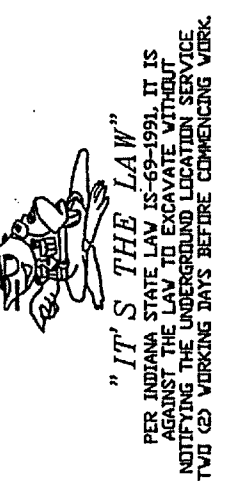
1	REMOVE ASPHALT AND REGRADE/COMPACT AGGREGATE BASE.	
2	PAVEMENT REMOVAL LIMIT.	
3	REMOVE GRASS AND STRIP TOPSOIL.	
4	REMOVE CONCRETE SIDEWALK.	
5	GATE, ISLAND, FIRE HYDRANT AND WATER FUTURE TO REMAIN	
6	REMOVE EXISTING CULVERT PIPE.	



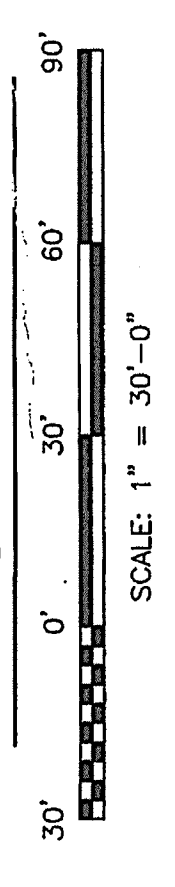
Call Monday through Friday-7 AM to 6 PM
 Call 1-800-382-5544
 Domestic phone
 Call 1-900-428-5200

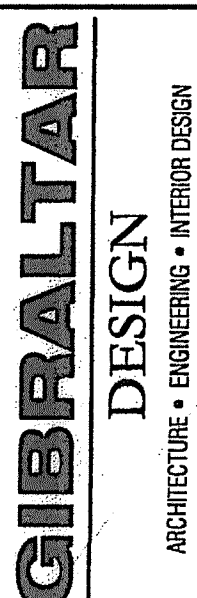
**2 Working Days
 Before You Dig.**

INDIANA UNDERGROUND UTILITY SERVICE, INC.



CIVIL DEMOLITION PLAN





GENERAL NOTES:

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PLAN NOTES:

- | | | |
|----|--|----------|
| 1 | INSTALL 38" OF 12" RCP @ 2.00% SLOPE. GROUT IN PLACE A 3" OFFICIAL. SEE DETAIL | 5
200 |
| 2 | CONNECT NEW RCP TO EXISTING DRAINAGE STRUCTURE. | |
| 3 | SLOPE NEW WALKWAY 2%. | |
| 4 | GRADE TO DRAIN. | |
| 5 | INSTALL UNDERDRAINS. SEE DETAIL | 2
200 |
| 6 | INSTALL 44" OF 18" RCP @ 0.21% SLOPE. SEE DETAIL | 5
200 |
| 7 | INSTALL 38" OF 18" RCP @ 0.21% SLOPE. SEE DETAIL | 5
200 |
| 8 | INSTALL 75" OF 15" RCP @ 0.31% SLOPE. SEE DETAIL | 5
200 |
| 9 | INSTALL 75" OF 15" RCP @ 0.31% SLOPE. SEE DETAIL | 5
200 |
| 10 | INSTALL 75" OF 12" RCP @ 0.51% SLOPE. SEE DETAIL | 5
200 |
| 11 | INSTALL 162" OF 12" RCP @ 1.00% SLOPE. SEE DETAIL | 5
200 |
| 12 | INSTALL RIP-RAP. SEE DETAIL | 3
200 |
| 13 | INSTALL OFF-LINE CONFIGURED AQUASURF UNIT MODEL APPROVED EQUAL. SEE DETAIL ON THIS SHEET. SEE DETAIL | 8
200 |
| | INSTALL CONCRETE END SECTION. SEE DETAIL | 1
200 |
| | INSTALL 28" OF 30" RCP @ 0.20% SLOPE. ATTACH DETAIL 18" OF 30" RCP @ 0.20% SLOPE TO GABRIEL (LOWE) POND AS SHOWN ON DETAIL | 5
200 |
| 5 | SLOPE NEW DUGOUT SLAB AWAY FROM DUGOUT AT 2% SLOPE. SEE DETAIL | 5
200 |
| 7 | INSTALL 8" OF 12" RCP @ 0.21% SLOPE. SEE DETAIL | 5
200 |
| 8 | INSTALL 8" OF 12" RCP @ 0.21% SLOPE. SEE DETAIL | 5
200 |
| 9 | INSTALL 13" OF 18" RCP @ 3.92% SLOPE. SEE DETAIL | 5
200 |

NOTE:
SEE DETAIL 5/C-002 FOR PROPOSED GRADING OF
BASEBALL FIELD RENOVATIONS.

GIBALTAR DESIGN

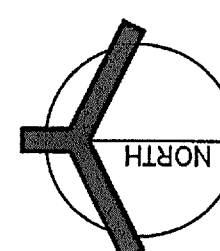
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

[illegible]

DRAWING
CIVIL GRADING PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

GIBBALTAR DESIGN SHEET CG101



CIVIL GRADING PLAN

30' 0' 30' 60' 90'

SCALE: 1" = 30'-0"

GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS:

SPEC. SECTION: ME 111 R

AS/2015
REVIEWED ☒ APPROVED

APPROVED AS NOTED ☐ REJECTED

3

DATE 10/1/87

10

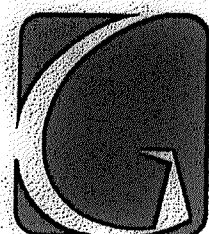
MATCHLINE
[SHEET CG102)

DIAMOND

Grande map
shift with
C. Hargrove

PARKING LOT STRIPING REVISIONS

SCALE: 1" = 30'-0"
ADDITION AND RENOVATION
SITE IMPROVEMENT
TO LAWRENCE
CENTRAL HIGH
SCHOOL AND
RELATED WORK
LAWRENCE CENTRAL HIGH
AND LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA



GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

SUPPLEMENTAL
 INSTRUCTION IN WHICH
 THE WORK WAS MADE.
 PROJECT
 08-611
 DATE
 06-04-09
 SUPPLEMENTAL
 INSTRUCTION
 SI.02

PROJECT
08-611
DATE

06-04-09

**SUPPLEMENTAL
INSTRUCTION
SI.02**



PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

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Email info@GibraltarDesign.com
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[illegible]

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. FIELD WORK IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR PLUMBING, SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

1	INSTALL 38" OF 12" RCP @ 0.00% SLOPE. GROUT IN PLACE A 3" OFFICE. SEE DETAIL.	13	INSTALL 162" OF 12" RCP @ 1.00% SLOPE. SEE DETAIL.
2	CONNECT NEW RCP TO EXISTING DRAINAGE STRUCTURE.	14	INSTALL RCP-RAP.
3	SLOPE NEW WALKWAY 2%.	15	SEE DETAIL.
4	GRADE TO DRAIN.	16	INSTALL 162" OF 12" RCP @ 0.21% SLOPE. SEE DETAIL.
5	INSTALL UNDERDRAINS. SEE DETAIL.	17	INSTALL 8" OF 12" RCP @ 0.21% SLOPE. SEE DETAIL.
6	INSTALL 44" OF 18" RCP @ 0.21% SLOPE. SEE DETAIL.	18	INSTALL 8" OF 12" RCP @ 0.21% SLOPE. SEE DETAIL.
7	INSTALL 38" OF 18" RCP @ 0.21% SLOPE. SEE DETAIL.	19	INSTALL 13" OF 18" RCP @ 3.92% SLOPE. SEE DETAIL.
8	INSTALL 75" OF 15" RCP @ 0.31% SLOPE. SEE DETAIL.		
9	INSTALL 75" OF 15" RCP @ 0.31% SLOPE. SEE DETAIL.		
10	INSTALL 75" OF 12" RCP @ 0.51% SLOPE. SEE DETAIL.		
11	INSTALL 162" OF 12" RCP @ 1.00% SLOPE. SEE DETAIL.		
12	INSTALL RCP-RAP.		
13	SEE DETAIL.		
14	SEE DETAIL. CONVEIGURED AQUASURF UNIT MODEL AS-5 OR CITY OF MINNAPOLIS AND ENGINEER APPROVED. SEE DETAIL ON THIS SHEET. SEE DETAIL.		
15	CONCRETE END SECTION. SEE DETAIL.		
16	INSTALL 28" OF 30" RCP @ 0.20% SLOPE TO extend pipe toward pond to show "new detail". SEE DETAIL.		
17	SLOPE NEW DUGOUT SLAB AWAY FROM DUGOUT AT 2%.		
18	INSTALL 8" OF 12" RCP @ 0.21% SLOPE. SEE DETAIL.		
19	INSTALL 13" OF 18" RCP @ 3.92% SLOPE. SEE DETAIL.		



"IT'S THE LAW"

PER DEEMED STATE LAW 15-69-199L, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



0' 30' 60' 90'

SCALE: 1" = 30'-0"

SCALE: 1" = 30'-0"

DOCUMENT REVIEW STATUS:

ASSETS

☐ APPROVED AS NOTED ☐ REJECTED

DATE 10/10/00

MATCHLINE (SEE SHEET CG)

STORM WATER QUALITY UNIT DETAIL:

SCALE: 1" = 5'

$$- \text{PIPE INV} = 843.70$$

ST107
—TYPE "A" INLET
(SOLID LID)
TC = 847.10
INV = 843.19

ST108 —
AQUASWIRL
MODEL AS-5
} TC = 847.05
} INV = 843.21



DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GENERAL NOTES:

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, PLUMBING, OR OTHER DISCIPLINES, PLEASE CONSULT WITH ARCHITECT AND/OR SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

1. INSTALL 3" OF 18" RCP @ 12.62% SLOPE.
SEE DETAIL 
2. INSTALL 11" OF 18" RCP @ 12.62% SLOPE.
SEE DETAIL 
3. INSTALL 120" OF 18" RCP @ 1.00% SLOPE.
SEE DETAIL 
4. INSTALL 150" OF 15" RCP @ 1.00% SLOPE.
SEE DETAIL 
5. INSTALL 112" OF 15" RCP @ 1.03% SLOPE.
SEE DETAIL 
6. INSTALL 150" OF 12" RCP @ 1.00% SLOPE.
SEE DETAIL 
7. INSTALL 50" OF 12" RCP @ 1.20% SLOPE.
SEE DETAIL 
8. INSTALL 50" OF 12" RCP @ 1.20% SLOPE.
SEE DETAIL 
9. INSTALL UNDERDRAINS. SEE DETAIL 
10. INSTALL RIP-RAP. SEE DETAIL 
11. INSTALL CONCRETE END SECTION. SEE DETAIL 
12. INSTALL CONCRETE DRAINAGE CHANNEL. SEE DETAIL 
13. SLOPE NEW WALKWAY 2%.
14. INSTALL OFF-LINE CONFIGURED AQUASWIRL UNIT MODEL APPROXIMATED. SEE DETAIL ON THIS SHEET. SEE DETAIL 
15. INSTALL 8" OF 12" RCP @ 12.62% SLOPE.
SEE DETAIL 
16. INSTALL 8" OF 12" RCP @ 12.62% SLOPE.
SEE DETAIL 
17. INSTALL 13" OF 18" RCP @ 16.54% SLOPE.
SEE DETAIL 

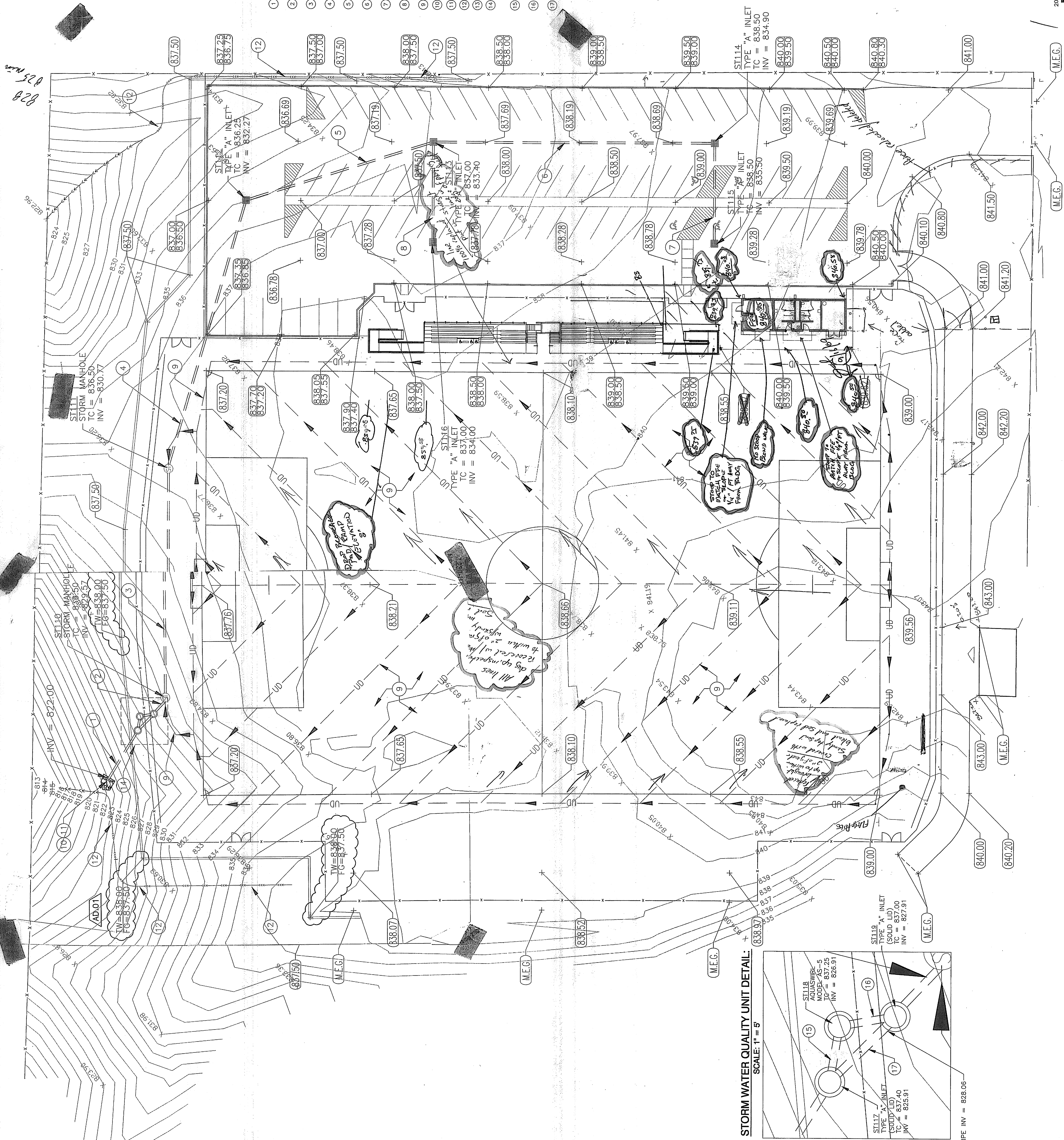
GIBALTAR DESIGN

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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

[illegible]DRAWING
CIVIL GRADING PLAN

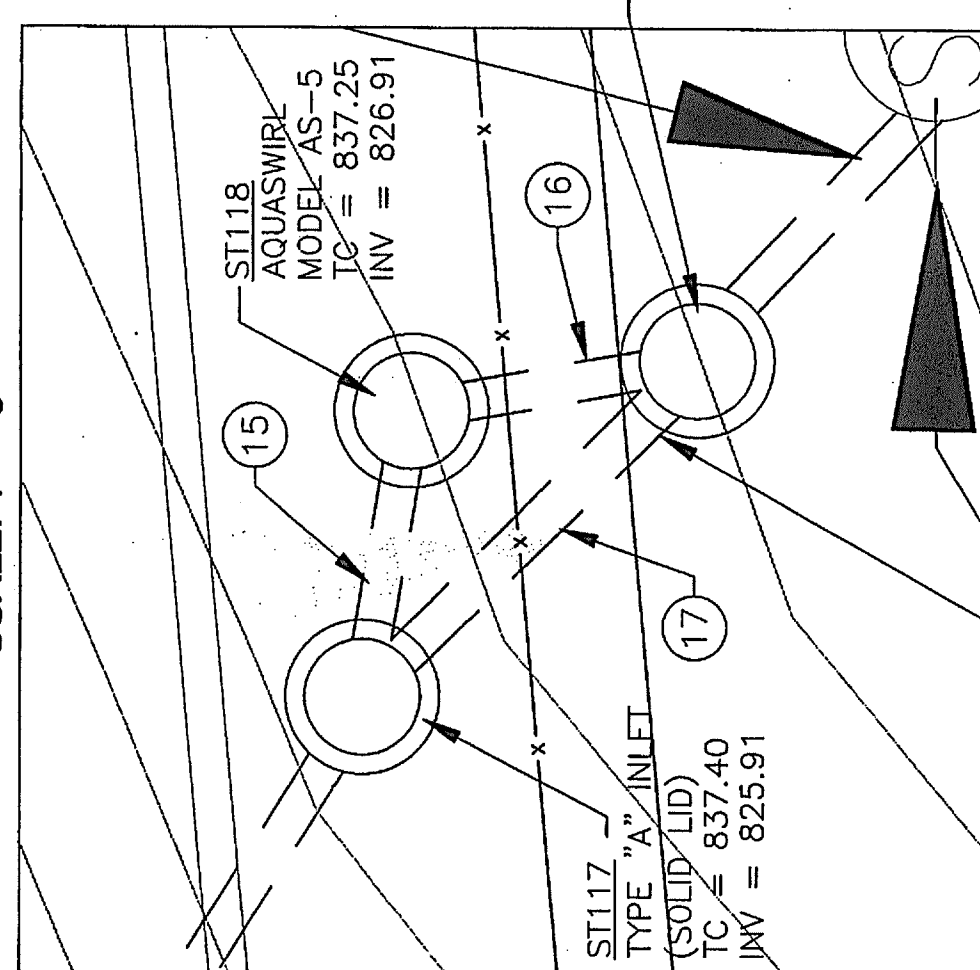
PROJECT TE IMPROVEMENTS TO LAWRENCE CENTRAL HS

CG103

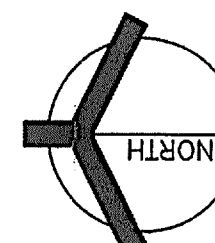


STORM WATER QUALITY UNIT DETAIL:

SCALE: 1" = 5'



TYPE INV = 828.06



CIVIL GRADING PLAN

0' 20' 40' 60'

SCALE: 1" = 20'-0"



DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GIBALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibaltarDesign.com
Email info@GibaltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

[illegible]DRAWING
CIVIL GRADING PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

SHEET
CG104

GENERAL NOTES:

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, SEE SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

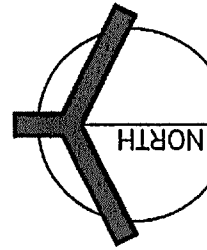
- ① INSTALL 50" OF 6" PVC @ 0.20% SLOPE. SEE DETAIL ON THIS SHEET.
- ② CONNECT NEW PVC TO EXISTING DRAINAGE STRUCTURE.
- ③ GRADE TO DRAIN.
- ④ RAISE CASTING TO ELEVATION TC=852.19' AND REPLACE BEEHIVE CASTING WITH HEAVY-DUTY FLAT GRADE CASTING.

Call Monday through Friday 7 AM to 6 PM

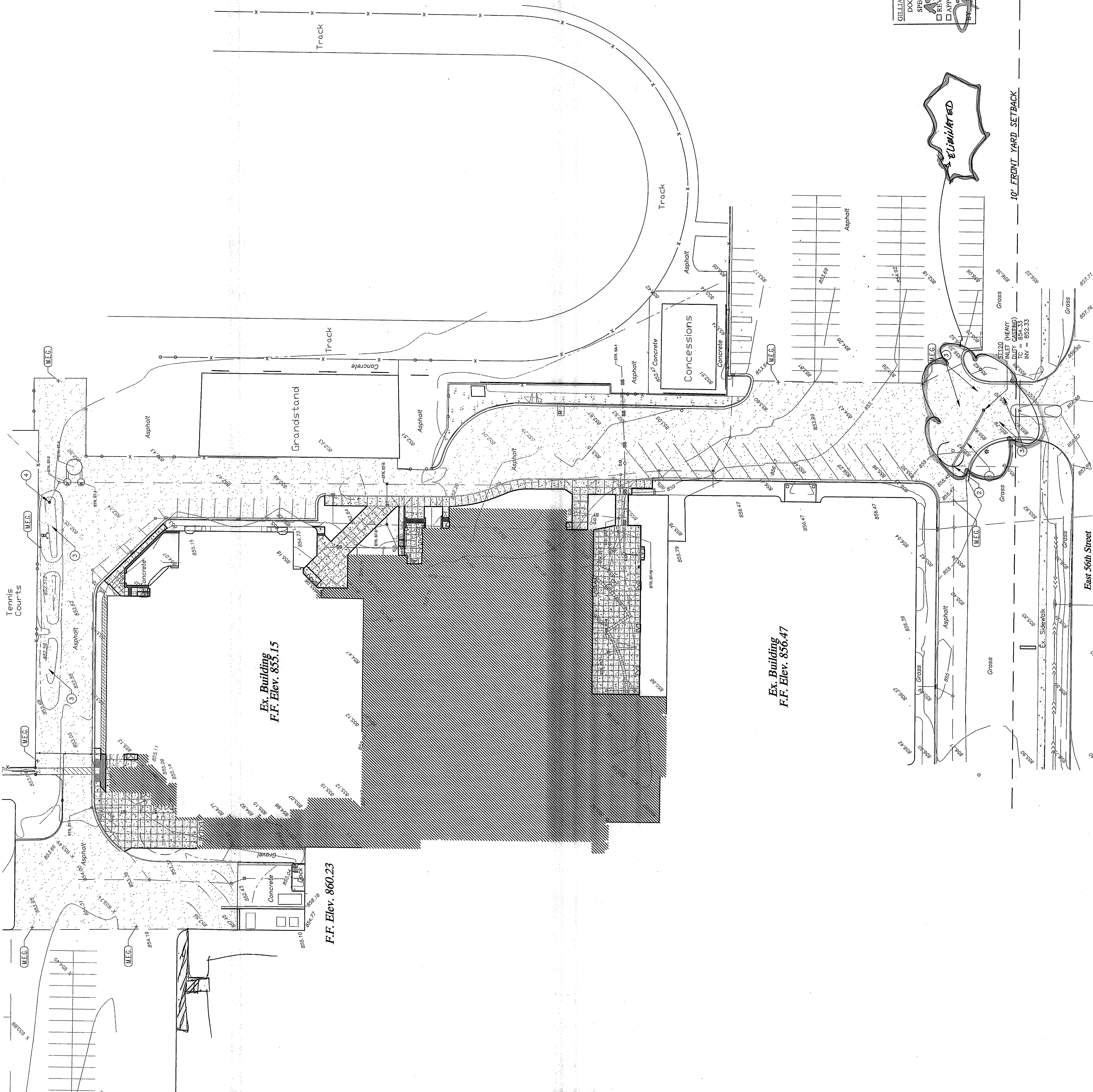
Call 1-800-382-5544
Durbale Indiana
Call 1-800-428-5300



"IT'S THE LAW"



CIVIL GRADING PLAN





DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

1. ALL STRUCTURES ARE TO BE SODDED.
2. ALL UTILITIES NEED TO HAVE FILTER FABRIC AROUND THEM TO PREVENT EROSION.
3. STOCKPILE AREAS TO BE SEEDDED.
4. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
6. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
8. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR PAVING, CONTRACTOR SHALL OBTAIN AND USE SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

CONCRETE

ASPHALT

SEED

1. INSTALL SILT FENCE PRIOR TO BEGINNING WORK ON SITE.
2. SOO ALL DISTURBED AREAS WITHIN 7 DAYS OF ESTABLISHING FINISH GRADES.
3. TEMPORARY SEEDING AND MULCHING IS TO BE PLACED ON ALL DISTURBED AREAS NOT WORKED ON FOR A 14 DAY PERIOD.
4. REMOVE EROSION CONTROL FENCES ONCE VEGETATIVE COVER IS ESTABLISHED.

- ① INSTALL SILT FENCE. SEE DETAIL 1-100
- ② INSTALL SILT SCREEN. SEE DETAIL 1-101
- ③ INSTALL SAND/CARB CURB SEDIMENT BARRIER AROUND DRAINAGE STRUCTURE. SEE DETAIL 1-102
- ④ STRAW BALE FILTER. SEE DETAIL 1-103
- ⑤ INSTALL SAND/CARB SEDIMENT BARRIER. SEE DETAIL 1-104
- ⑥ INSTALL SEEDING ON ALL DISTURBED AREAS NOT SCHEDULED FOR HARD SURFACE. SEE DETAIL 1-105
- ⑦ INSTALL EROSION CONTROL BLANKET. SEE DETAIL 1-106

KIND OF SEED	TEMPERATURE SEEDING DATES											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
WHEAT OR RYE												
OATS												
ANNUAL RICEGRASS												
PERMANENT SEEDING DATES												
NON-RIGGICED *												
RIGGICED												
DORMANT SEEDINGS **												

 SEEDS REQUIRED DURING THE PERIOD TO COVER EROSION AT TIMES OTHER THAN IN THE SHAD AREAS.

* LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS.

** INCREASE SEEDING APPLICATION BY 50%.

1960

KIND OF SEED	RATES PER :		REMARKS
	1000 SQ. FT.	ACRE	
WHEAT OR RYE	3.5 LBS.	2 BU.	COVER SEED TO 1 1/2" DEEP
SPRING OATS	2.3 LBS.	3 BU.	COVER SEED TO 1" DEEP
ANNUAL RYEGRASS	1 LBS.	40 LBS.	COVER SEED TO 1/4" DEEP *

* NOT NECESSARY WHERE MULCH IS APPLIED.

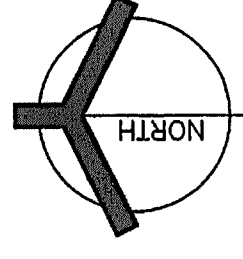
RODGER SMITH
DIRECTOR OF BUILDINGS/GROUNDS
8301 EAST 46th STREET
INDIANAPOLIS, IN 46226
TELEPHONE (317)-423-7575

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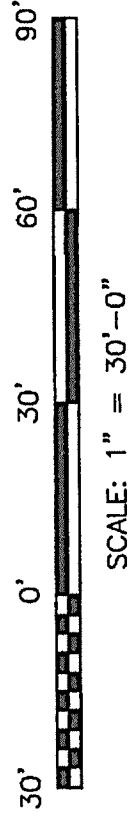
**DRAWING
CIVIL EROSION CONTROL
PLAN**

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

© GIBRALTAR DESIGN SHEET
CE101



CIVIL EROSION CONTROL PLAN



GILLIATTE GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS: _____
SPEC. SECTION: **AS NOTED**
☐ REVIEWED ☐ APPROVED
☐ APPROVED AS NOTED ☐ REJECTED
BY: **[Signature]** DATE: **06/10**



1. ALL DISTURBED AREAS ARE TO BE SODED.
2. ALL STOCKPILES NEED TO HAVE FILTER FABRIC AROUND THEM TO PREVENT EROSION.

3. STOCKPILE AREAS TO BE SEED.
4. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
6. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.

SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

- ① INSTALL SILT FENCE. SEE DETAIL.
- ② INSTALL SILT SCREEN. SEE DETAIL.
- ③ INSTALL SANDBAG SEDIMENT BARRIER. SEE DETAIL.
- ④ STRAW BALE FILTER. SEE DETAIL.
- ⑤ INSTALL SEEDING ON ALL DISTURBED AREAS NOT SCHEDULED FOR HARD SURFACE.
- ⑥ ALTERNATE WORK: INSTALL SOD ON SOCCER FIELD.

[illegible][illegible]

* LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS.
** INCREASE SEEDING APPLICATION BY 50%.

KIND OF SEED	RATES PER :		REMARKS
	1000 SQ. FT.	ACRE	
WHEAT OR RYE	3.5 LBS.	2 BU.	COVER SEED TO 1 1/2" DEEP
SPRING OATS	2.3 LBS.	3 BU.	COVER SEED TO 1" DEEP
ANNUAL RYEGRASS	1 LBS.	40 LBS.	COVER SEED TO 1/4" DEEP *

* NOT NECESSARY WHERE MULCH IS APPLIED.

RODGER SMITH
DIRECTOR OF BUILDINGS/GROUNDS
8301 EAST 46th STREET
INDIANAPOLIS, IN 46226
TELEPHONE (317)-423-7575

GILLIATTE GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS:

SPEC. SECTION: **HSR**
☐ REVIEWED ☐ APPROVED

☐ APPROVED AS NOTED ☐ REJECTED

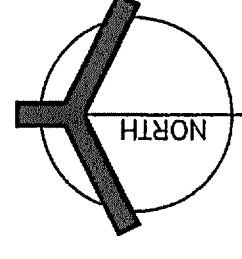
BY Deputy DATE 01/20/2010 Call MURDER - 123456789 to 8 PM
Call 800-555-5644
Approved 5200

ENJOY THE DAY.
ENJOY THE NIGHT.
ENJOY THE SERVICE.



"IT'S THE LAW"

PER INDIANA STATE LAW 35-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



CIVIL EROSION CONTROL PLAN

20' 0' 20' 40' 60'

SCALE: 1" = 20'-0"

© GIBBALTAR DESIGN

SHEET
CE103



1. ALL DISTURBED AREAS ARE TO BE SODDED.
2. ALL STOCKPILES NEED TO HAVE FILTER FABRIC AROUND THEM TO PREVENT EROSION.
3. STOCKPILE AREAS ARE TO BE SEEDDED.
4. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
5. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
6. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
7. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
8. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, PLUMBING, OR OTHER DISCIPLINES PLEASE SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

EROSION CONTROL SCHEDULE

1. INSTALL SILT FENCE PRIOR TO BEGINNING WORK ON SITE.
2. SOD ALL DISTURBED AREAS WITHIN 7 DAYS OF ESTABLISHING FINS GRADES.
3. TEMPORARY SEEDING AND MULCHING IS TO BE PLACED ON ALL DISTURBED AREAS.
4. AREAS NOT WORKED ON FOR A 14 DAY PERIOD.
5. REMOVE EROSION CONTROL FENCES ONCE VEGETATIVE COVER IS ESTABLISHED.

1. INSTALL SILT FENCE PRIOR TO BEGINNING WORK ON SITE.
2. SOD ALL DISTURBED AREAS WITHIN 7 DAYS OF ESTABLISHING FINISH GRADES.
3. TEMPORARY SEEDING AND MULCHING IS TO BE PLACED ON ALL DISTURBED AREAS NOT WORKED ON FOR A 14 DAY PERIOD.
4. REMOVE EROSION CONTROL FENCES ONCE VEGETATIVE COVER IS ESTABLISHED.

- ① INSTALL SANDBAG SEDIMENT BARRIER. SEE DETAIL. 11
C-1001
- ② INSTALL SANDBAG CURB SEDIMENT BARRIER AROUND DRAINAGE STRUCTURE. SEE DETAIL.

SEEDING DATE SCHEDULE												
TEMPORARY SEEDING DATES												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
KIND OF SEED												
WHEAT OR RYE												
ORTS												
ANNUAL PREGRESS												
PERMANENT SEEDING DATES												
NON-IRRIGATED *												
IRRIGATED												
DORMANT SEEDING **												

 PROPORTION REQUIRED DURING THIS PERIOD TO AVERAGE PROPORTION * TIMES OTHER THAN IN THE SHADDED AREAS.
USE MULCH.

* LATE SUMMER SEEDING DATES MAY BE EXTENDED 5 DAYS.

** INCREASE SEEDING APPLICATION BY 50%.

TEMPORARY SEEDING SCHEDULE				
KIND OF SEED	RATES PER : ACRE		REMARKS	
	1000 SQ. FT.	1/2 ACRE		
WHEAT OR RYE	3.5 LBS.	2 BU.	COVER SEED TO 1 1/2" DEEP	
SPRING OATS	2 LBS.	3 BU.	COVER SEED TO 1" DEEP	
ANNUAL RYEGRASS	1 LBS.	40 LBS.	COVER SEED TO 1/4" DEEP *	

* NOT NECESSARY WHERE MULCH IS APPLIED.

RODGER SMITH
DIRECTOR OF BUILDINGS/GROUNDS
8301 EAST 46th STREET
INDIANAPOLIS, IN 46226
TELEPHONE (317)-423-7575

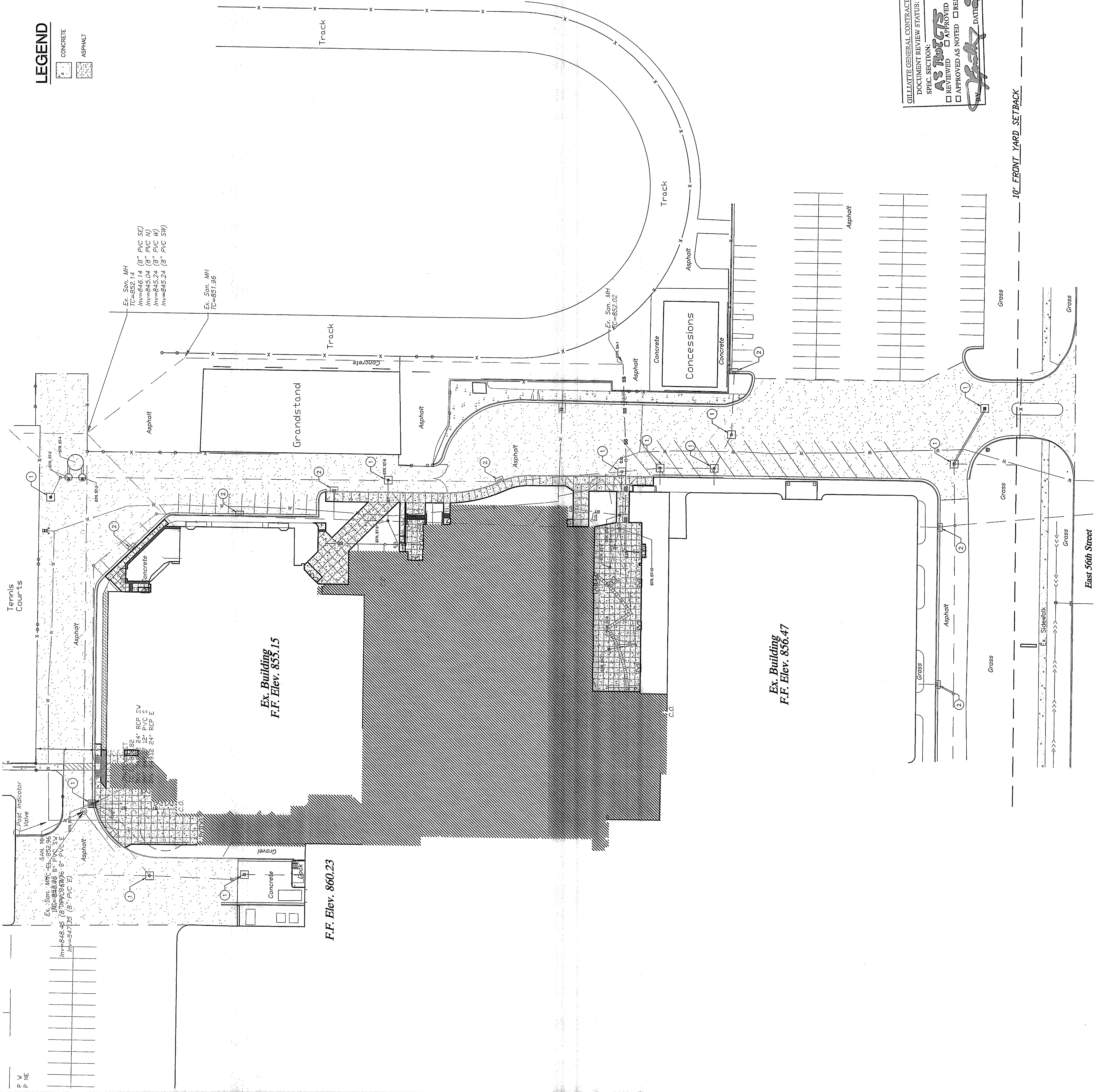
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DRAWING
CIVIL EROSION CONTROL
PLAN

**PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS**

SHEET
CE104

CONCRETE	ASPHALT



GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS:

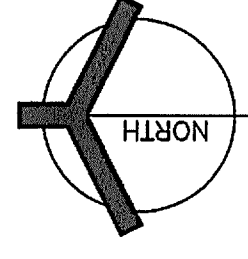
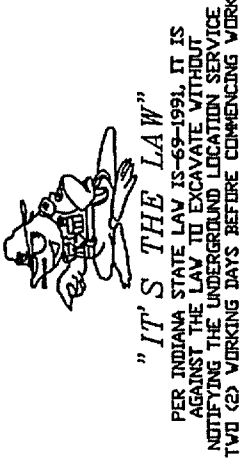
SPEC. SECTION: **A3202675**

☐ REVIEWED ☐ APPROVED

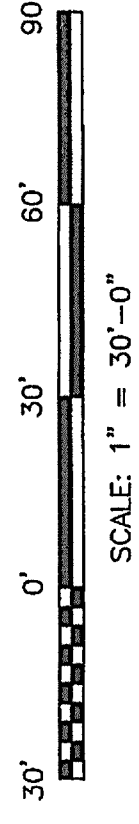
☐ APPROVED AS NOTED ☐ REJECTED

BY: **Frank** DATE: **10/11/11**

Call Monday through Friday-7 AM to 6 PM
 With a **FREE** **1-800-7-382-5544**
 Call 1-800-428-5209
 2 Working Days
 Before You Dig.
 DEAN UNDERKOPF METLITE SERVICE, INC.



CIVIL EROSION CONTROL PLAN





PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GENERAL NOTES:

3. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
5. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL INTERFACING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
7. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR PLUMBING, CONTRACTOR SHALL USE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

1. INSTALL MEDIUM DUTY ASPHALT PAVEMENT. SEE DETAIL 3-00
2. ASPHALT PAVEMENT INSTALLATION LIMIT.
3. INSTALL BLEACHERS. SEE ARCHITECTURAL PLANS.
4. INSTALL BUILDING. SEE ARCHITECTURAL PLANS.
5. INSTALL CONCRETE STAIRS. SEE DETAIL 1-00
6. INSTALL MASONRY RETAINING WALL. SEE DETAIL 2-00
7. INSTALL MONOLITHIC CONCRETE CURB AND SIDEWALK. SEE DETAIL 6-00
8. INSTALL GALVANIZED CHAIN-LINK FENCE. MATCH EXISTING TYPE AND HEIGHT.
9. INSTALL PRESS BOX. SEE ARCHITECTURAL PLANS.
10. INSTALL 30" x 30" STORAGE BUILDING. SEE ARCHITECTURAL PLANS.
11. INSTALL SIDEWALK. SEE DETAIL 3-00
12. INSTALL PARKING STRIPING. MATCH EXISTING.
13. INSTALL RETAINING WALL. SEE STRUCTURAL PLANS. 3-00
14. INSTALL 6" STRAIGHT BACK CURB. SEE DETAIL 1-00
15. INSTALL 4" CONCRETE SLAB. SEE DETAIL 1-00
16. INSTALL HANDICAP PARKING SIGNS.
17. INSTALL BARN TOWER. MATCH EXISTING. (VERIFY LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.)
18. INSTALL HANDICAP RAMP. SEE DETAIL 7-00
19. INSTALL FENCE AND GATES AROUND NEW DUGOUT CONCRETE SLAB. MATCH EXISTING FENCE.
20. REINSTATE PRESS BOX SIGNAGE AS DIRECTED BY THE OWNER.
21. REINSTATE EXISTING MASONRY JOINTS ON DUGOUT AS REQUIRED. PAINT ALL MASONRY INSIDE AND OUTSIDE. PAINT EXTERIOR OF STRUCTURE, PRESS BOX, AND INSTALL NEW 2" SINGLE ROW 4" REBAR. (VERIFY LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.)
22. MATCH EXISTING SLOPE, TYPE AND SPACING. (VERIFY LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.)
23. INSTALL TRAFFIC MARKINGS. SEE DETAIL 12-00
24. RE/OVERLAP NEW NETTING WITH EXISTING NETTING.
25. INSTALL GUARDRAIL. SEE DETAIL 3-00
26. PAINT EXTERIOR SIDE OF METAL PANEL ENCLOSURE AROUND EXISTING MECHANICAL YARD.
27. ALTERNATE WORK: PAINT EXISTING FENCE AROUND INDESTRUCTIBLE FIELD.
28. CONNECT PROPOSED FENCE TO EXISTING FENCE.

NOTE:
SEE DETAIL 6/C-002 FOR PROPOSED DIMENSIONS
OF BASEBALL FIELD RENOVATIONS.

GIBALTAR DESIGN

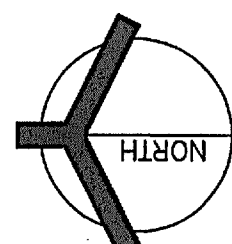
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Indianapolis, IN 46260
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

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DRAWING CIVIL LAYOUT PLAN

PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS

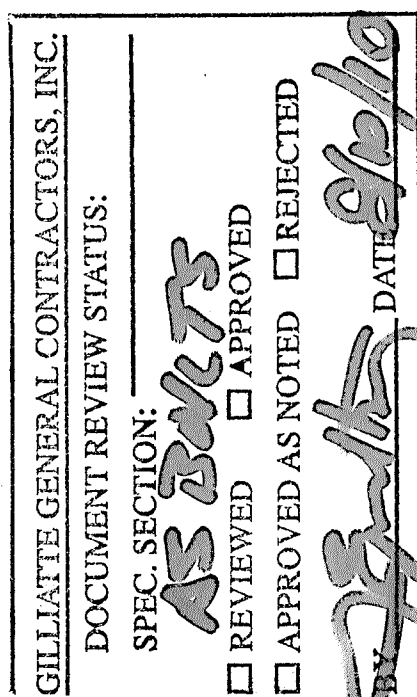
LIBRARY DESIGN	SHEET	CI101
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CIVIL
LAYOUT PLAN

0' 30' 60' 90'

SCALE: 1" = 30'-0"



EXISTING LAWRENCE CENTRAL HIGH SCHOOL

Swiss
of Math
ed

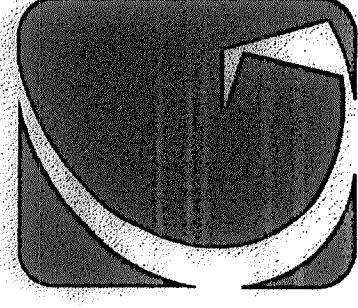
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Y:\08-611 LCHS SITE
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GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GIBALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Home: 317.580.5777 Fax: 317.580.5778
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REVISIONS

MARK DATE ISSUED FOR

DRAWING
CIVIL LAYOUT PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

SHEET
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Ci102

GENERAL NOTES:

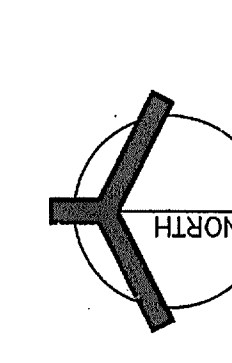
1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL EXISTING AND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, PLUMBING, OR OTHER DISCIPLINES PLEASE SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

1. INSTALL MEDIUM DUTY ASPHALT PAVEMENT. SEE DETAIL C-307.
2. ASPHALT PAVEMENT INSTALLATION LIMIT.
3. INSTALL BLEACHERS. SEE ARCHITECTURAL PLANS.
4. INSTALL BUILDING. SEE ARCHITECTURAL PLANS.
5. INSTALL CONCRETE STAIRS. SEE DETAIL C-307.
6. INSTALL MASONRY RETAINING WALL. SEE DETAIL C-307.
7. INSTALL MONOLITHIC CONCRETE CURB AND SIDEWALK. SEE DETAIL C-307.
8. INSTALL GALVANIZED CHAIN-LINK FENCE. MATCH EXISTING TYPE AND HEIGHT.
9. INSTALL PRESS BOX. SEE ARCHITECTURAL PLANS.
10. INSTALL 30' x 30' STORAGE BUILDING. SEE ARCHITECTURAL PLANS.
11. INSTALL SIDEWALK. SEE DETAIL C-307.
12. INSTALL PARKING STRIPING. MATCH EXISTING.
13. INSTALL RETAINING WALL. SEE STRUCTURAL PLANS.
14. INSTALL 6" STRAIGHT BACK CURB. SEE DETAIL C-307.
15. INSTALL 4" CONCRETE SLAB. SEE DETAIL C-307.
16. INSTALL HANDICAP PARKING SIGNS.
17. INSTALL BAND TOWER. MATCH EXISTING. VERIFY LOCATION WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION. SEE DETAIL C-307.
18. INSTALL HANDICAP RAMP. SEE DETAIL C-307.
19. INSTALL FENCE AND GATES AROUND NEW DUGOUT CONCRETE SLAB. MATCH EXISTING FENCE.
20. REINSTALL PRESS BOX SIGNAGE AS DIRECTED BY THE OWNER.
21. TUCKPOINT EXISTING MASONRY JOINTS ON DUGOUT AS REQUIRED. PAINT ALL MASONRY INSIDE AND OUTSIDE. PAINT EXISTING ROOF. STRUCTURE, FLASH, AND TRIM. INSTALL NEW SHINGLE ROOF.
22. INSTALL 325 LF OF NETTING AND 30' POLES (FIELD VERIFY) TO MATCH EXISTING HEIGHT, TYPE AND SPACING.
23. INSTALL TRAFFIC MARKINGS. SEE DETAIL C-307.
24. IE/OVERLAP NEW NETTING WITH EXISTING NETTING.
25. INSTALL GUARDRAIL. SEE DETAIL C-307.
26. PAINT EXTERIOR SIDE OF METAL PANEL ENCLOSURE AROUND EXISTING MECHANICAL YARD.
27. ALTERNATE WORK. PAINT EXISTING FENCE AROUND BASEBALL FIELD.
28. CONNECT PROPOSED FENCE TO EXISTING FENCE.

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Fax: 317.580.5778
Email: info@GibraltarDesign.com
Before You Dig

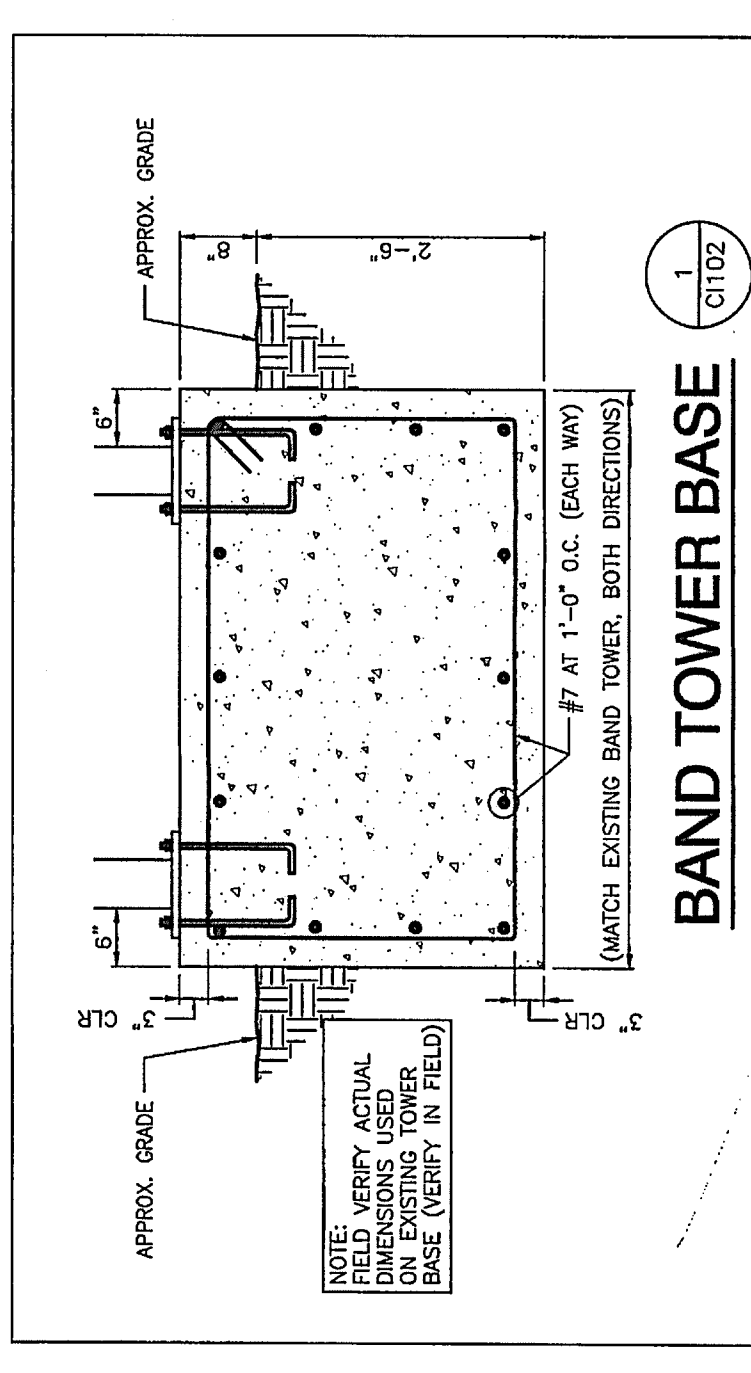
"IT'S THE LAW"
FOR ANYTHING THAT MAY BE REQUIRED TO BE DONE BY THE CITY OF INDIANAPOLIS, INDIANA, THE CITY ENGINEER'S OFFICE MUST BE NOTIFIED PRIOR TO ANY CONSTRUCTION WORK.



CIVIL
LAYOUT PLAN

30' 0' 30' 60' 90'
SCALE: 1" = 30'-0"

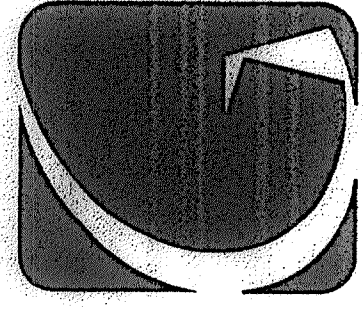
GILLIATTE GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS:
SPEC. SECTION: AS BUILT
☒ REVIEWED ☐ APPROVED
☐ APPROVED AS NOTED ☐ PROJECTED
DATE: 9/1/10



DELETE

TENNIS COURTS

MATCHLINE
(SEE SHEET C101)



GIBALTAR
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PROJECT
**SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK**

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

DATE: 7/15/09
AD-02

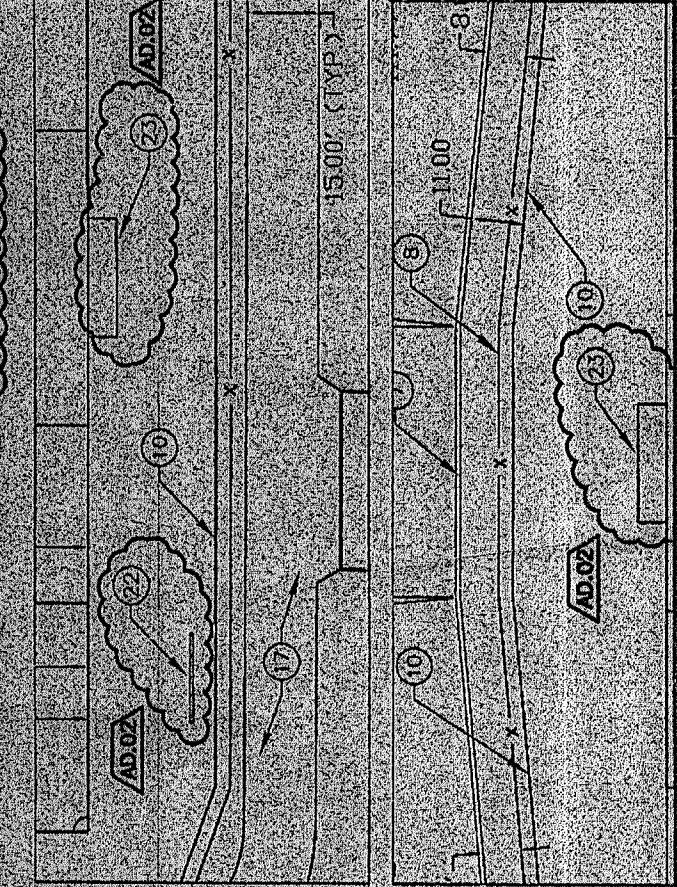
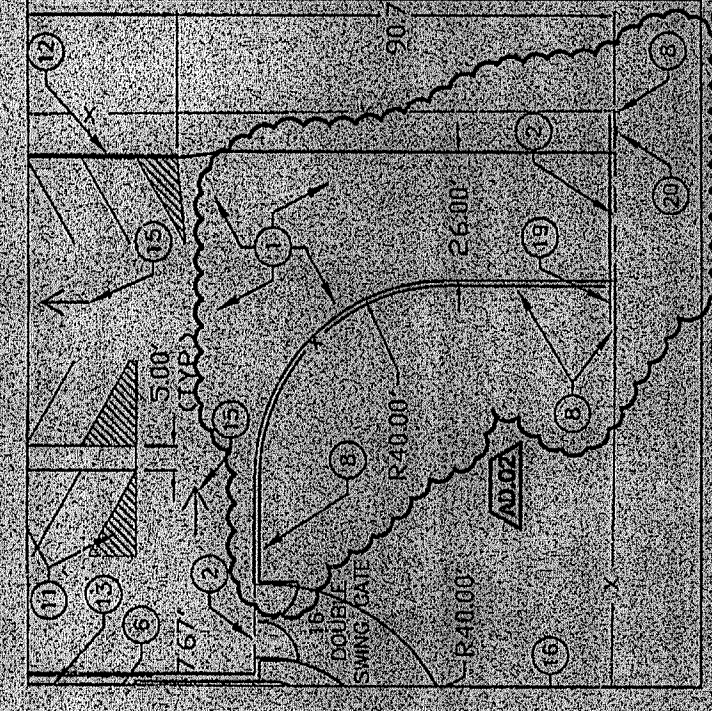
GENERAL NOTES:

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SEE WORK INVOLVING ELECTRICAL, MECHANICAL, PLUMBING, OR OTHER DISCIPLINES PLEASE SEE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

1. INSTALL MEDIUM DUTY ASPHALT PAVEMENT. SEE DETAIL (C-300)
2. ASPHALT PAVEMENT INSTALLATION LIMIT.
3. INSTALL CONCRETE SIDEWALK. SEE DETAIL (C-300)
4. INSTALL BLEACHERS. SEE ARCHITECTURAL PLANS.
5. INSTALL AND PAINT SOCCER FIELD. SEE DRAWING FOR DIMENSIONS.
6. INSTALL BUILDING. SEE ARCHITECTURAL PLANS.
7. INSTALL RETAINING WALL. SEE STRUCTURAL PLANS.
8. INSTALL 8" TALL GALVANIZED CHAIN-LINK FENCE AND GATES. SEE DRAWING FOR GATE SIZES.
9. THE PROPOSED GRAVEL ROAD TO EXISTING GRAVEL ROAD.
10. ALTERNATE WORK: INSTALL NETTING (285 LF ON THE SOUTH END, 250 LF ON THE NORTH END) AND 20" TALL POLES. SEE ARCHITECTURAL PLANS FOR LAWRENCE CENTRAL HIGH SCHOOL BASEBALL PRACTICE FIELD.
11. INSTALL PARKING STRIPING. MATCH EXISTING AT LAWRENCE CENTRAL HIGH SCHOOL.
12. INSTALL 6" STRAIGHT BACK CURB. SEE DETAIL (8-C-200)
13. INSTALL MONOLITHIC CONCRETE CURB AND SIDEWALK. SEE DETAIL.
14. INSTALL HANDICAP RAMPS. SEE DETAIL (7-C-200)
15. INSTALL TRAFFIC MARKINGS. SEE DETAIL (C-200)
16. INSTALL PIPE BOLLARD (FIELD VERIFY LOCATIONS WITH UTILITY COMPANY BEFORE PLACEMENT). SEE DETAIL.
17. Having contractor install gravel drive. See Detail. (Alternate work: install asphalt driveway and gravel drive)
18. ALTERNATE WORK: INSTALL 85' OF GUARDRAIL. SEE DETAIL.
19. **EXISTING GATE MATCH TO FENCE HEIGHT. PROVIDE SLIDING GATE MECHANISM FOR SLIDING GATE.**
20. INSTALL KEY ACCESS MECHANISM FOR SLIDING GATE.

GIBALTAR DESIGN



DRIVEWAY CHANGES,
SCOREBOARD, AND SOCCER GOALS

GIBALTAR
DESIGN

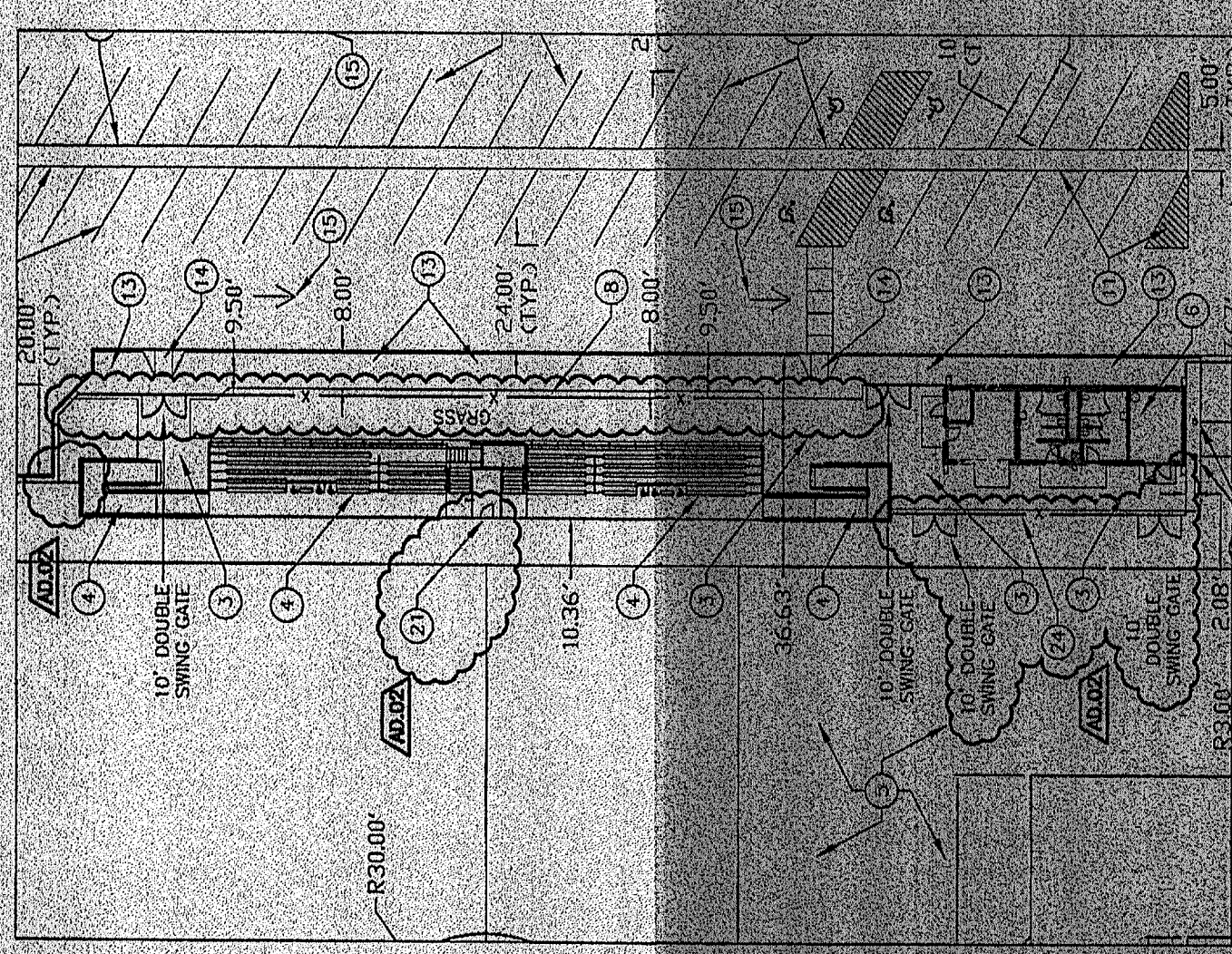
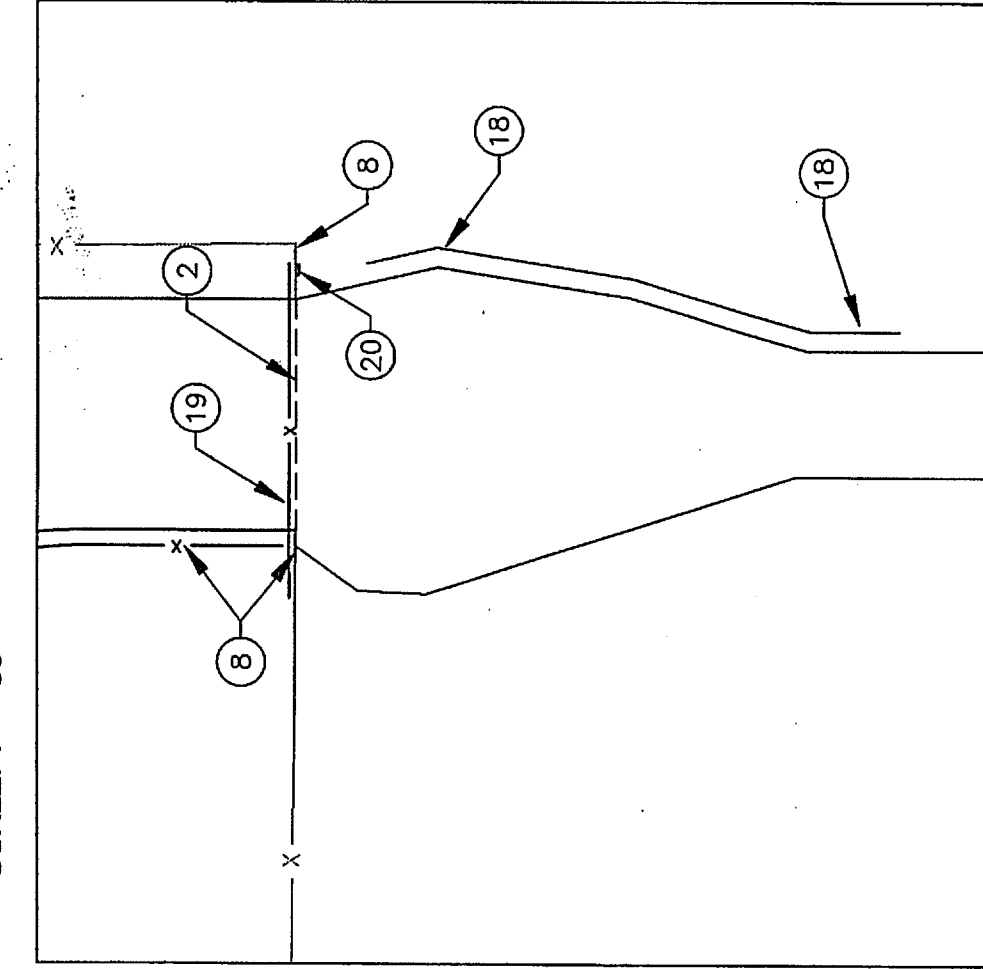
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DATE: 7/15/09
AD-02

PROJECT: LAWRENCE CENTRAL HIGH SCHOOL

SHEET: C1103

**ALTERNATE WORK:
GUARDRAIL NEAR NORTH ENTRY**
SCALE: 1" = 30'



REVISIONS TO FENCES AND GATES

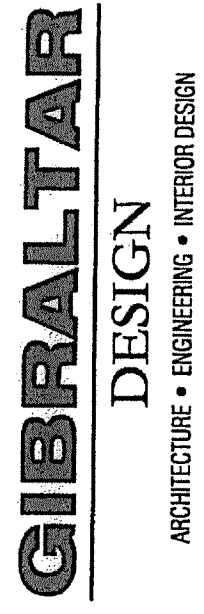
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DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

DATE: 7/15/09
AD-02

PROJECT: LAWRENCE CENTRAL HIGH SCHOOL

SHEET: C1103



LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GIBALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46261
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5777

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[illegible]DRAWING
CIVIL LAYOUT PLANPROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

CIBER TAT DESIGN

C1104

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, PLUMBING, OR OTHER DISCIPLINES PLEASE SEE WORKSHEET OR SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

Install heavy duty asphalt pavement. Add #53 crushed stone for base as needed (up to total of 2" average depth across entire repaving area). See Detail.

- 2) ASPHALT PAVEMENT INSTALLATION LIMIT.
- 3) INSTALL PARKING STRIPING. MATCH EXISTING.
- 4) INSTALL ASPHALT UP TO BUILDING SLAB.
- 5) INSTALL BOLLARDS. SEE DETAIL _____
- 6) INSTALL FENCE. MATCH EXISTING GATE.
- 7) CONNECT PROPOSED FENCE TO EXISTING GATE AND EXISTING TENNIS COURT FENCE.

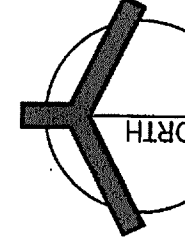
Call Monday through Friday-7 AM to 6 PM

West, Indiana
Call 1-800-382-5544
Outside Indiana
Call 1-800-428-5200
2 Working Days

"IT'S THE LAW"

PER ILLINOIS STATE STATUTE 1991, IT IS AGAINST THE LAW TO DISCRIMINATE BY EMPLOYING THE UNDERGROUND LOCATION SERVICE 40-42 WORKING DAYS BEFORE COMMENCING WORK.

UNDERGROUND LOCATION SERVICE, INC.



30' 0' 30' 60' 90'

SCALE: 1" = 30'-0"

GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS:

SPEC. SECTION:

5/17/2025

☐ REVIEWED ☐ APPROVED
☐ APPROVED AS NOTED ☐ PER☒ APPROVED AS NOTED ☐ REJECTBY Paul DATE 12/1/83

11



GENERAL NOTES:

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR PLUMBING, CONTRACTOR SHALL OBTAIN THESE SERVICES FROM THE APPROPRIATE SPECIALTY CONTRACTORS AND SECURE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

- 1 FOR ALL ELECTRICAL CHANGES PLEASE SEE ELECTRICAL DRAWING SETS FOR DETAILS.
- 2 FOR ALL PLUMBING CHANGES PLEASE SEE PLUMBING DRAWING SETS FOR DETAILS.
- 3 FOR ALL ARCHITECTURAL CHANGES PLEASE SEE ARCHITECTURAL DRAWINGS
- 4 INSTALL 2" PVC WATER LINE TO EXISTING WALL WITH SLOPE NECESSARY TO MAINTAIN MINIMUM 1/8" PER FOOT DRAINAGE TO THE MAIN DRAIN LINE. (SEE PLAN) 7' MINIMUM COVER. (SEE DETAIL) PROVIDE W/10% FLOOD RELIEF AND 6" MIN. COVER. (SEE DETAIL)
- 5 CONNECT 2" FORCE MAIN TO MAIN SEWER ELECTOR PIT.
- 6 INSTALL UP TO 65' (FIELD VENT) OF 2" PVC WATER SERVICE LINE TO EXISTING 2" PVC WATER LINE TO BUILDING SERVICE LINE. (SEE DETAIL) 2' PVC WATER LINE TO BE INSTALLED TO PUMP NOISE ATTENUATION BOX.
- 7 CONNECT 2" PVC WATER LINE TO EXISTING WATER MAIN USING SHADLE TYPE TAP. (FIELD VENT).
- 8 INSTALL THRUST BLOCK. (SEE DETAIL)

10. Core drill existing sanitary sewer manhole and connect 2" force main using proper-size water tight boot.

11. Light pole and base interrupt guardrail. See electrical drawings for actual layout and verify space needed for light pole with electrical contractor."

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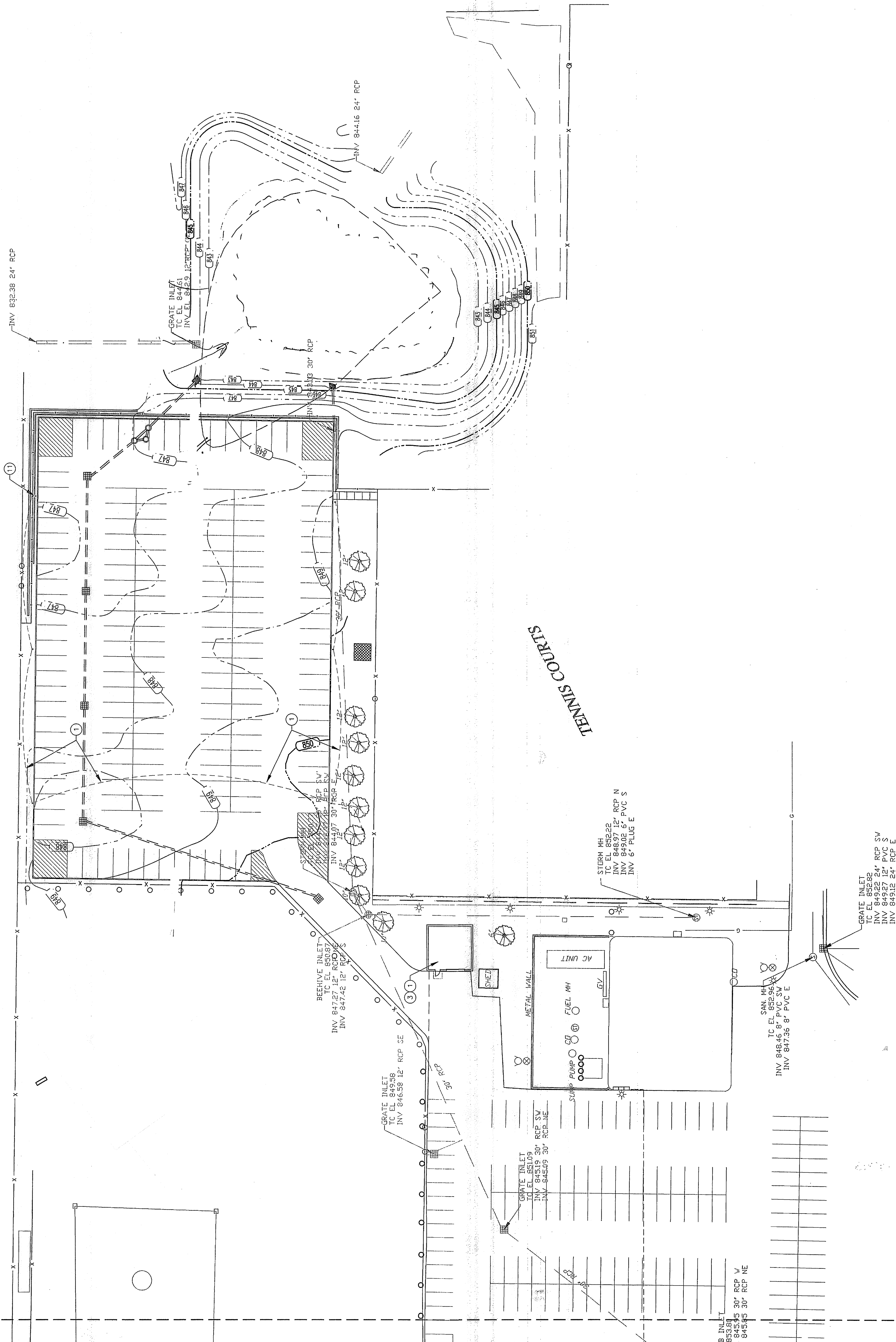
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DRAWING
CIVIL UTILITY PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

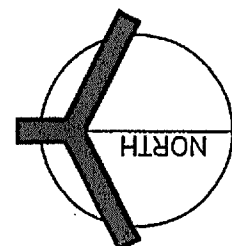
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SHEET



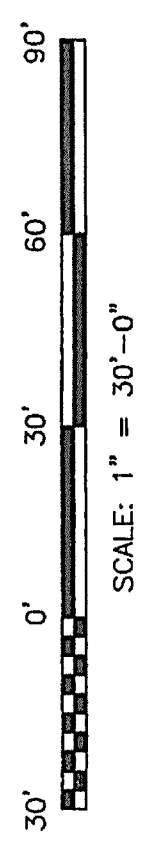
Call Monday through Friday-7 AM to 6 PM
 West, Indiana
 Call 1-800-382-5544
 Dallas, Texas
 Call 1-800-428-5200
 2 Working Days
 Before You Dig.
 INDIANA ELECTRIC POWER CO., INC.



PER INDIANA STATE LAW IS-69-1991, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE 48 HOURS BEFORE COMMENCING WORK.



CIVIL UTILITY PLAN



GILLIATTE GENERAL CONTRACTORS, INC.
 DOCUMENT REVIEW STATUS: _____
 SPEC. SECTION: **AS BUILT**
☐ REVIEWED ☐ APPROVED
☐ APPROVED AS NOTED ☐ REJECTED
 BY Spink DATE 2/10/00

MATCHLINE
(SEE SHEET CU101)



PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK

LAWRENCE CENTRAL HIGH SCHOOL
SD LAWRENCE TOWNSHIP
DIANAPOLIS, INDIANA

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IF YOU ARE A MEMBER OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, YOU MAY OBTAIN THIS PAPER IN MICROFORM EDITION BY ORDERING FROM THE MICROFILM DEPARTMENT, 345 EAST 47TH STREET, NEW YORK, N.Y. 10017.

[illegible]

DRAWING
CIVIL UTILITY PLAN

PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS

GIBRALTAR DESIGN SHEET CU1C

GENERAL NOTES:

1. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
3. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
4. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.
5. FOR CHANGES TO SITE WORK INVOLVING ELECTRICAL, MECHANICAL, OR PLUMBING, CONTRACTOR SHALL USE THE CORRESPONDING SHEETS ASSOCIATED WITH THESE PLANS FOR DETAILS.

PLAN NOTES:

- 1 FOR ALL ELECTRICAL CHANGES PLEASE SEE ELECTRICAL DRAWING SETS FOR DETAILS.
 - 2 FOR ALL PLUMBING CHANGES PLEASE SEE PLUMBING DRAWING SETS FOR DETAILS.
 - 3 FOR ALL ARCHITECTURAL CHANGES PLEASE SEE ARCHITECTURAL DRAWING SETS FOR DETAILS.
 - 4 INSTALL 960" OF 2.5" SB-80S FORCE MAIN. MAINTAIN 4" MINIMUM COVER. INSTALL 12" DIA. 10' LONG MANHOLE WITH 12" DIA. 10' LONG 10' SEPARATION FROM ALL WATER LINES. SEE PLUMBING PLANS FOR DETAILS.
 - 5 CONNECT 2" PVC WATER MAIN TO SERVICE ELECTOR "H".
 - 6 INSTALL UP 12" DIA. FIELD VERIFY (2" PVC WATER SERVICE) AND 12" DIA. FIELD VERIFY (15" C.I. WATER) @ 6" PER FOOT.
 - 7 CONNECT 2" PVC WATER LINE TO BUILDING SERVICE LOCATION.
 - 8 CONNECT 2" PVC WATER LINE TO EXISTING 2" WATER MAIN (FIELD VERIFY).
 - 9 INSTALL THRUST BLOCK. SEE DETAIL 200 FOR DETAIL.
- 10 CORRECT existing sanitary sewer manhole and connect 2.5" force main to new proper size water right bove.

Core drill existing sanitary sewer manhole and connect 2.5" force main using proper size water tight boot."

GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEWED BY: _____
SPEC. SECTION: **AS BUILT**
☐ REVIEWED ☐ APPROVED
☐ AS NOTED ☐ REJECTED

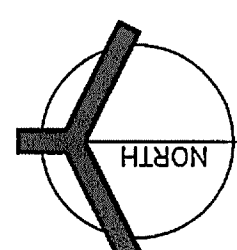
BY [Signature] DATE 2/10/17

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 Call 1-800-428-5300
 2 Working Days
 Before You Dig.
 800-448-8888



"IT'S THE LAW"

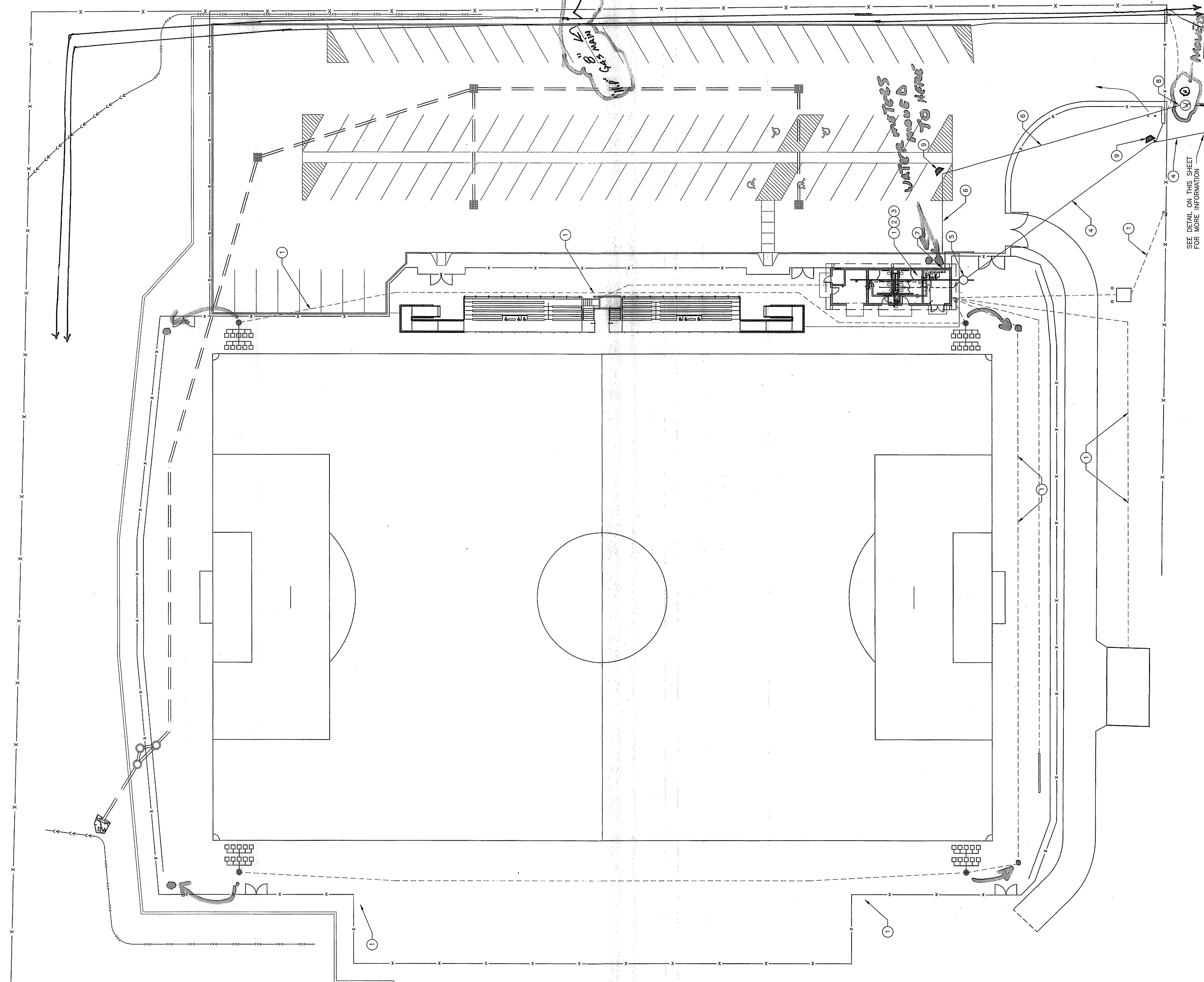
PER INDIANA STATE LAW 18-69-1091L IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE (ULS) ON MONDAY DAYS BEFORE COMMENCING WORK.

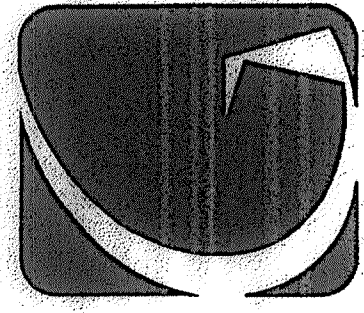


CIVIL UTILITY PLAN

0' 20' 40' 60'

SCALE: 1" = 20'-0"





GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GIBALTAR DESIGN
9102 N. Michigan St., Suite 200
Indianapolis, IN 46260
Homepage: www.gibaltardesign.com
Email: info@gibaltardesign.com
Phone: 317.580.1777 Fax: 317.580.5778

REVISIONS
MARK DATE ISSUED FOR

DRAWING
CIVIL LANDSCAPE PLAN

PROJECT
SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS

SHEET
CL102

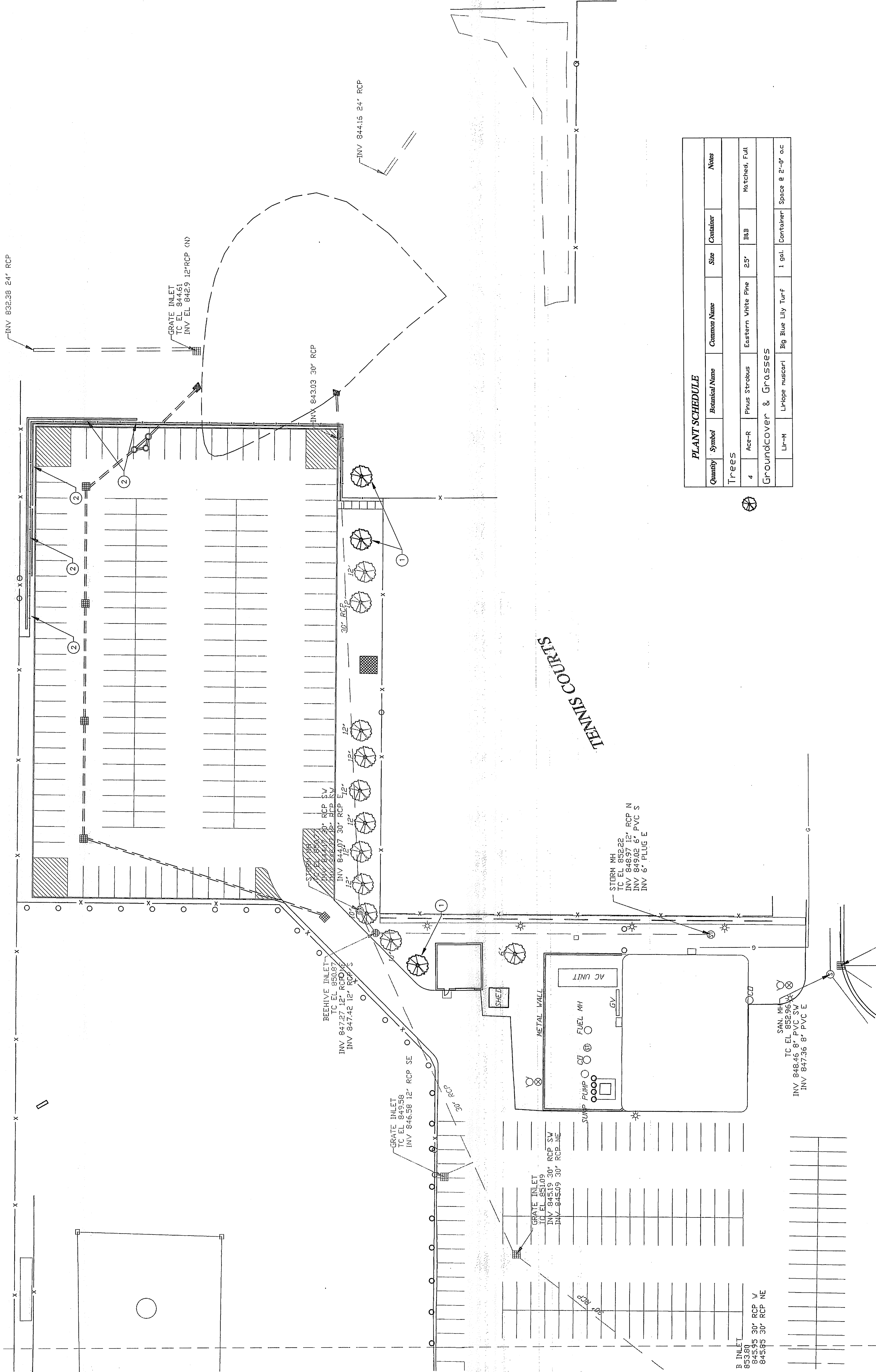
GENERAL NOTES:

1. ALL PLANTED TREES TO HAVE A MINIMUM OF 6" DIAMETER OF MULCH SURROUNDING THE TREE.
2. ALL PLANTED SHRUBS TO HAVE A MINIMUM OF 2" DIAMETER OF MULCH SURROUNDING THE SHRUB.
3. ALL DISTURBED AREA SHALL BE SODED.
4. ALL PLANTS SHALL BE PLANTED A MINIMUM OF 3' AWAY FROM CURBS.
5. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
6. ALL UTILITY LINE WORK SHALL BE COORDINATED WITH UTILITY COMPANIES.
7. CONTRACTOR IS TO VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
8. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL UTILITIES.

PLAN NOTES:

- 1 NEW SHADE TREE
SEE SCHEDULE AND DETAIL
- 2 NEW GROUNDCOVER
SEE SCHEDULE AND DETAIL

MATCHLINE
(SEE SHEET CL101)



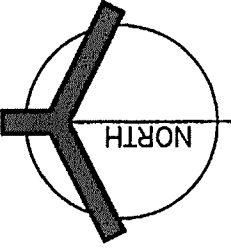
PLANT SCHEDULE					
Quantity	Symbol	Botanical Name	Common Name	Size	Container
Trees					
4	Ac-R	Prunus Strabus	Eastern White Pine	25"	B&B
Groundcover & Grasses					
	Li-H	Liriodie muscori	Big Blue Lily Turf	1 gal.	Container

Civil Engineer: [Signature] Date: 10/10/17

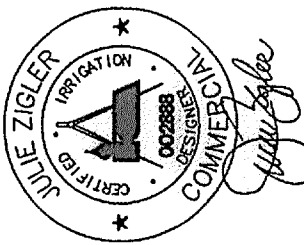
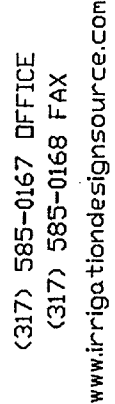
Scale: 1" = 30'-0"

North Arrow

GILLIATT GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS:
SPEC. SECTION: **AS BUILT**
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☐ APPROVED AS NOTED ☐ REJECTED
DATE: 10/10/17



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



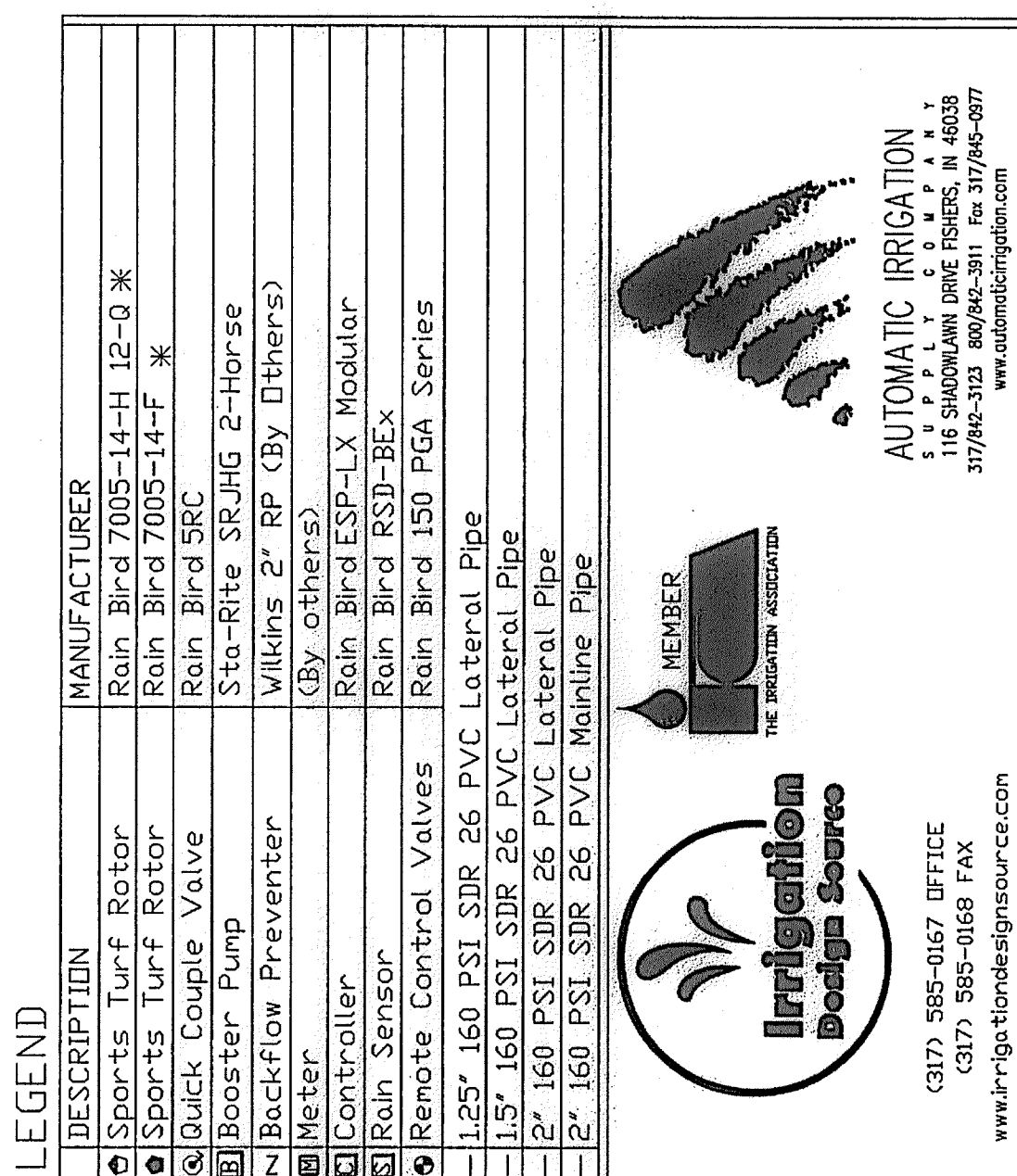
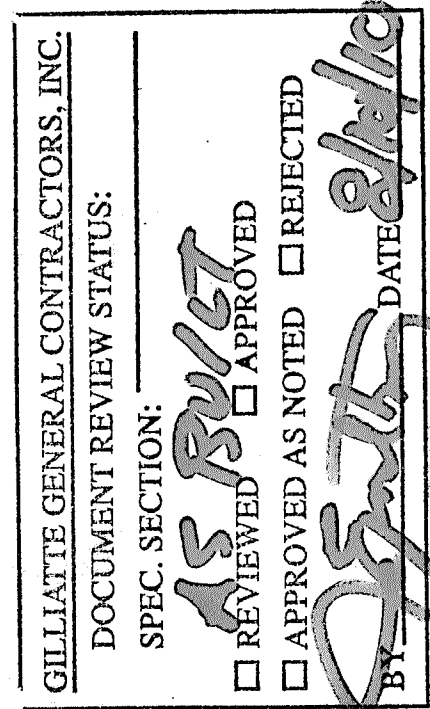
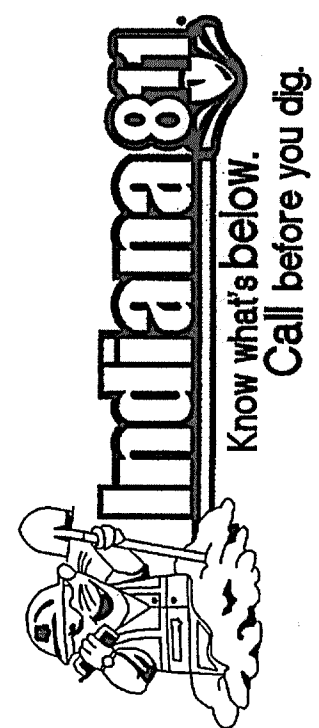
LAWRENCE CENTRAL HIGH SCHOOL SOCCER
INDIANAPOLIS, INDIANA

PROJECT:

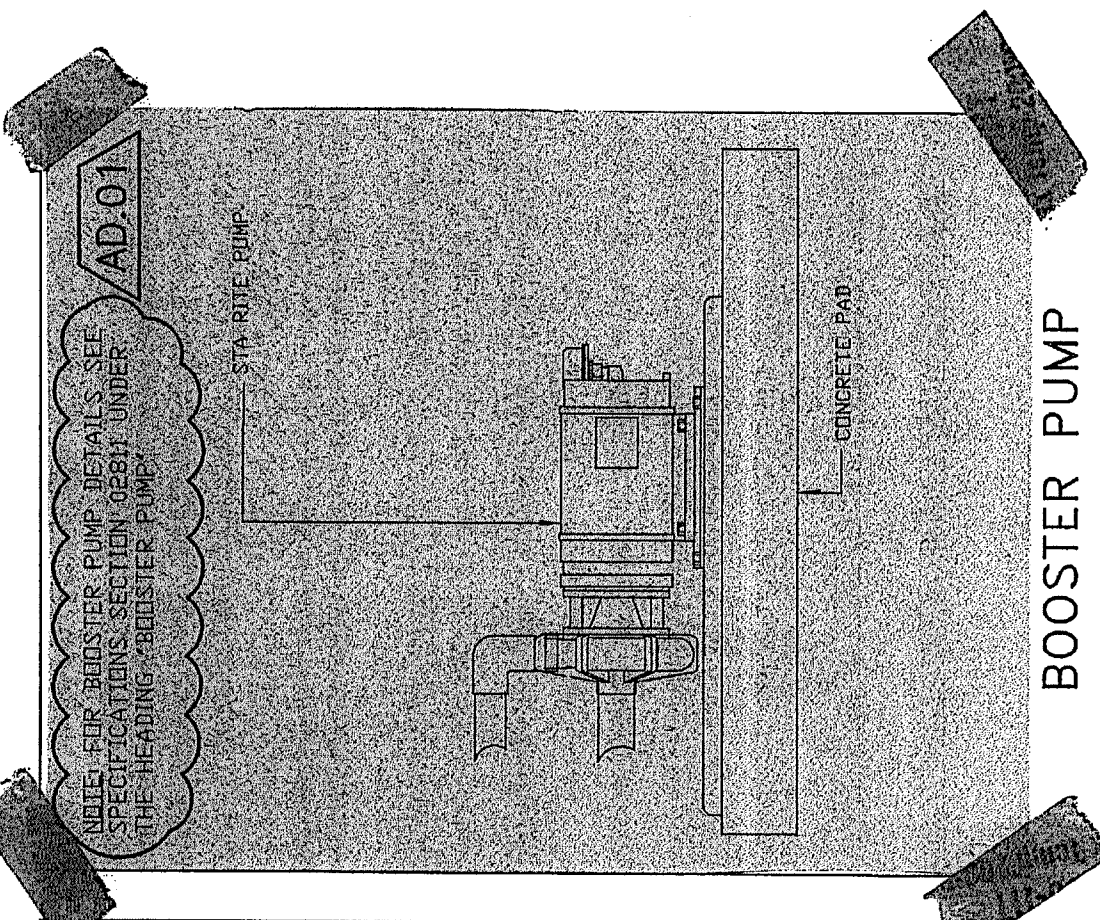
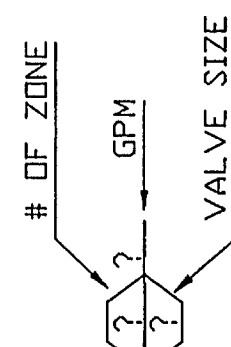
REVISONS:	
DATE:	INITIAL:
DATE:	1.15.09
DRAWN BY:	CHECKED BY:
AW	JEZ
SCALE:	
1"=30'-0"	
IRRIGATION PLAN	
SHEET:	
1 OF 1	

GENERAL IRRIGATION NOTES:

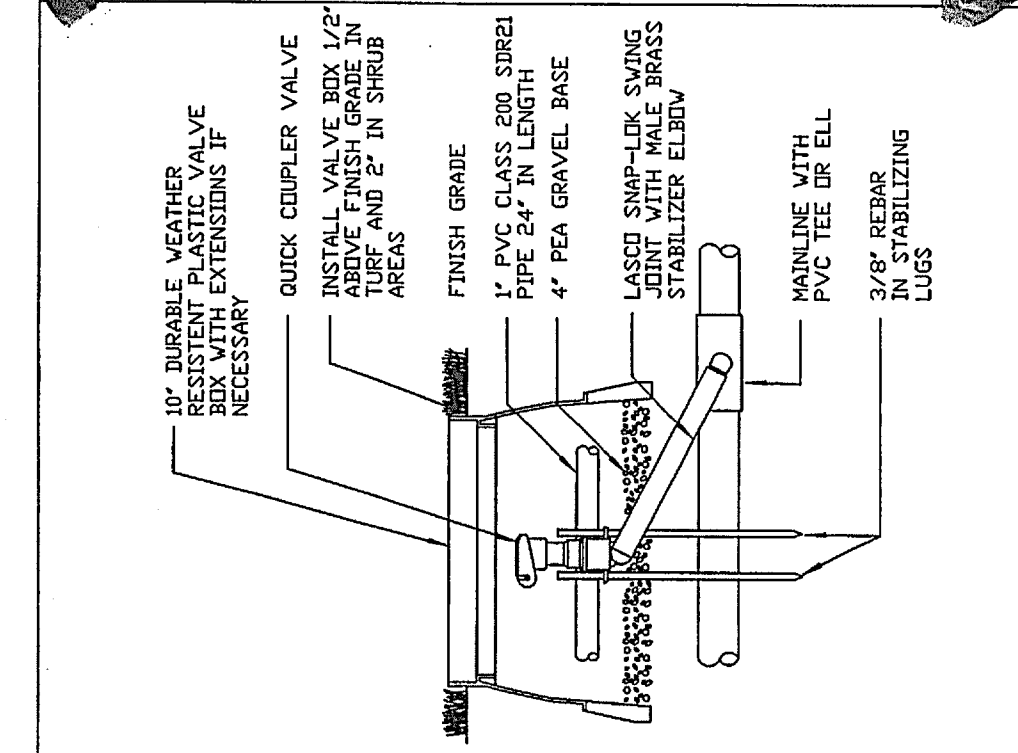
1. This irrigation design is diagrammatic. Actual layout of piping, sprinkler heads, valves, controllers and related equipment shall be determined on site. Minor field adjustments shall be made at no additional cost to the Owner.
2. It is the responsibility of the irrigation contractor to be familiar with all grades difference, locations of walls, structures and utilities and make the necessary adjustments to accommodate the irrigation system as designed. Do not willfully install the irrigation system as shown on the drawings when it is obvious in the field that unknown obstructions, grades or dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the Owner's authorized representative. In the event that this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions and cost necessary.
3. The irrigation system design is based on running irrigation zones at an assumed minimum operating pressure of 50psi @ the p.o.c. w/ a 41 lb psi boost and a maximum flow demand of 54gpm. The irrigation contractor shall verify water pressures prior to construction. Report differences between requirements and actual readings to the Owner's authorized representative. The point of connection location and starting pressure is approximate. Verify exact location and pressure in the field with the Owner's representative. The flow demand for individual mainlines shall not exceed the following guidelines.
 - 2" Class 200=36-55gpm
4. The Owner shall provide power source at the controller and booster location. The irrigation contractor shall make the final connection from the electrical source to the controller.
5. A Rain Sensor shall be installed in the vicinity of the controller coordinate mounting location with the Owner.
6. A quick coupling valve shall be located at the irrigation water supply point of connection to provide for a point of injection of compressed air to purge the system of retained water for winterization.
7. Pipe size shall conform to those shown on drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions for larger sizes may be approved. Minimum pipe shall be 1".
8. All pipe and communication wire under hardships shall be placed in separate sleeving. All wire shall run, whenever possible with the mainline.
9. All lateral zones shall be connected to the mainline with PVC pipe and sized as follows:
 - 1" Class 200=0-17gpm
 - 1.25" Class 160=18-28gpm
 - 1.5" Class 160=29-35gpm
 - 2" Class 160=36-55gpm
10. All sprinkler heads shall be set perpendicular and flush to finish grade and with a clearance of 2" (min.) from the edge of any hard scape unless otherwise specified.
11. All sprinkler heads and valves shall be flushed and adjusted for optimum coverage with minimum over spray on hardscapes or buildings.
12. All irrigation equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications. Refer to the specifications for additional detailed information.
- 13.



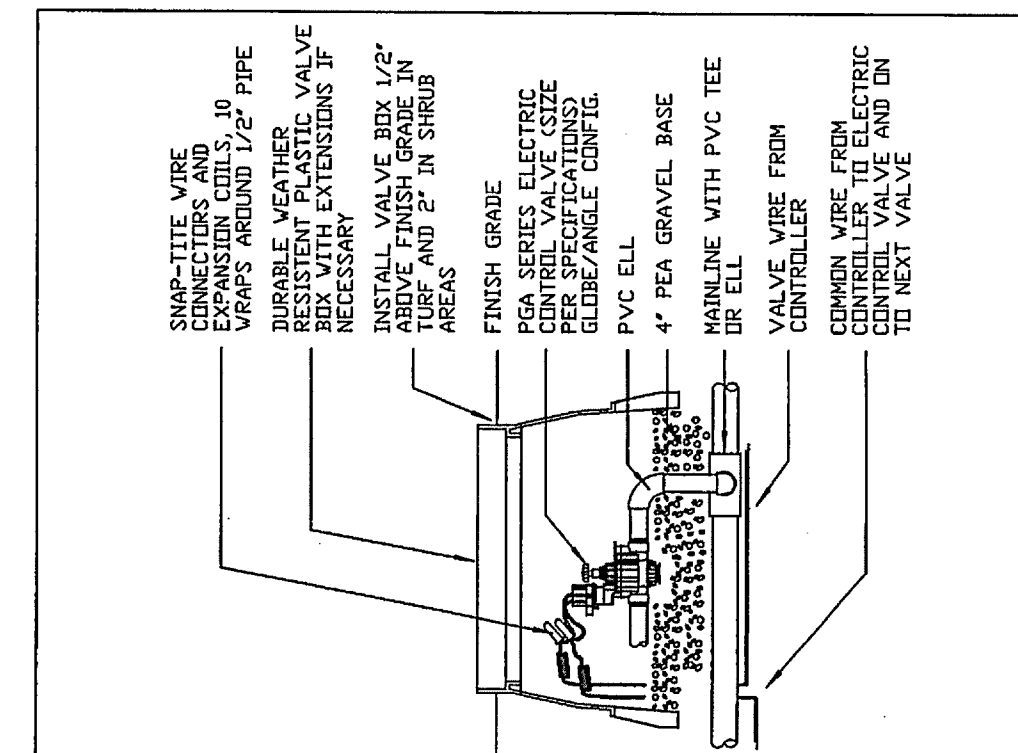
* When using the same nozzles in the 7005 part & full circle rotors, run the full circle twice as long as the part circles in the schedule.



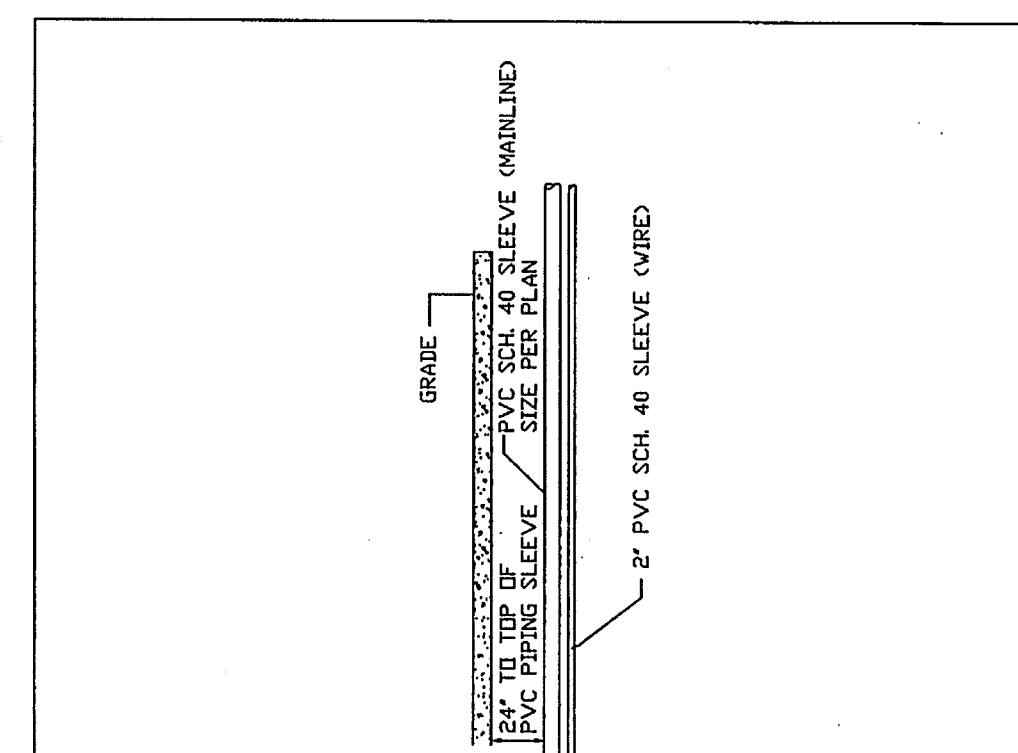
BOOSTER PUMP



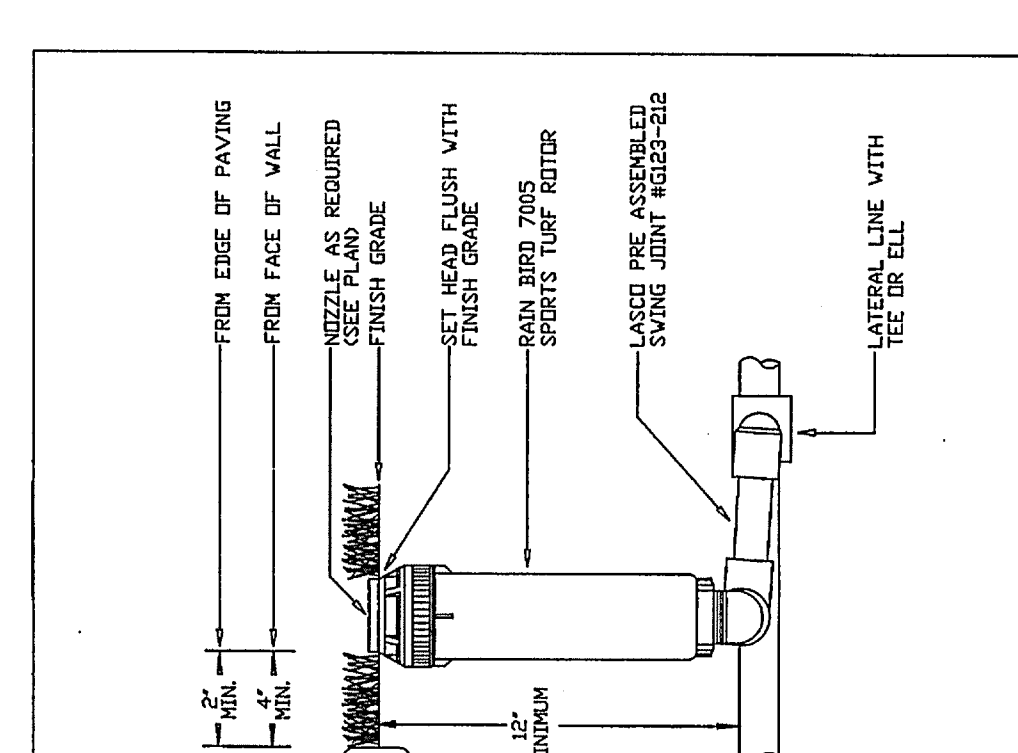
QUICK COUPLER VALVE



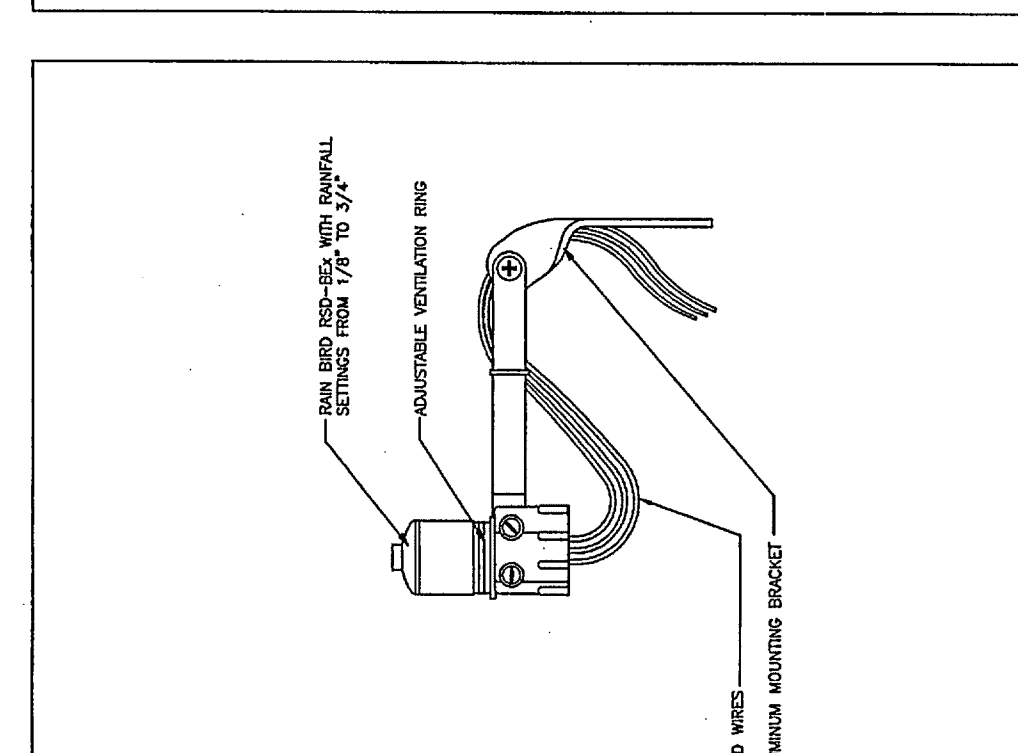
PGA CONTROL VALVE



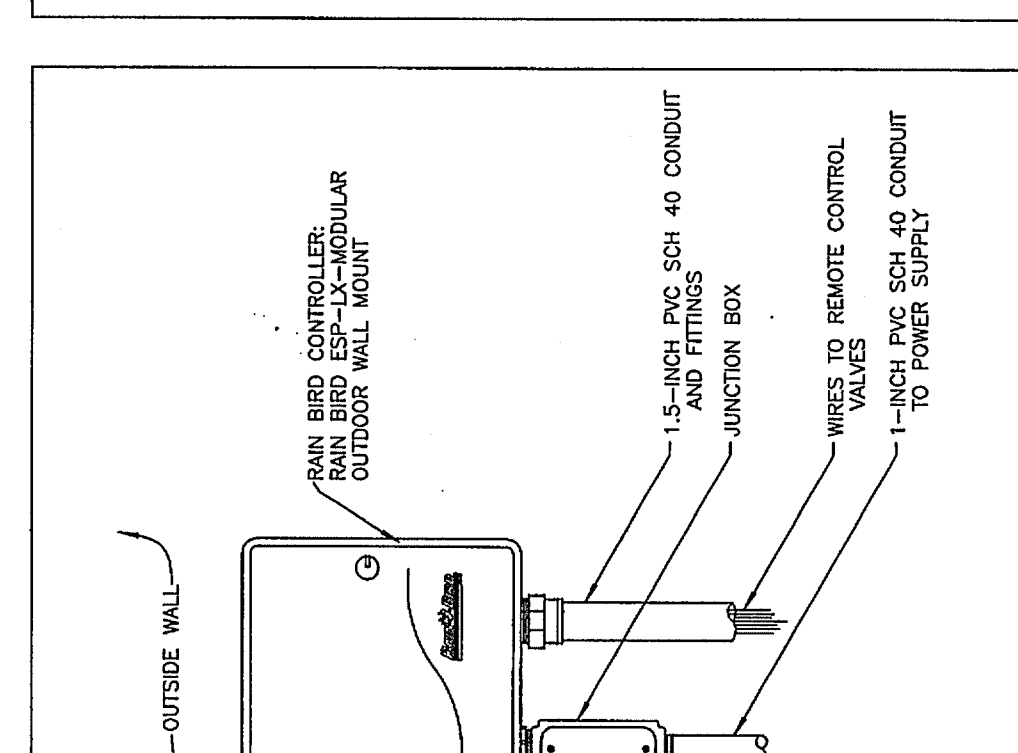
SLEEVE DETAIL



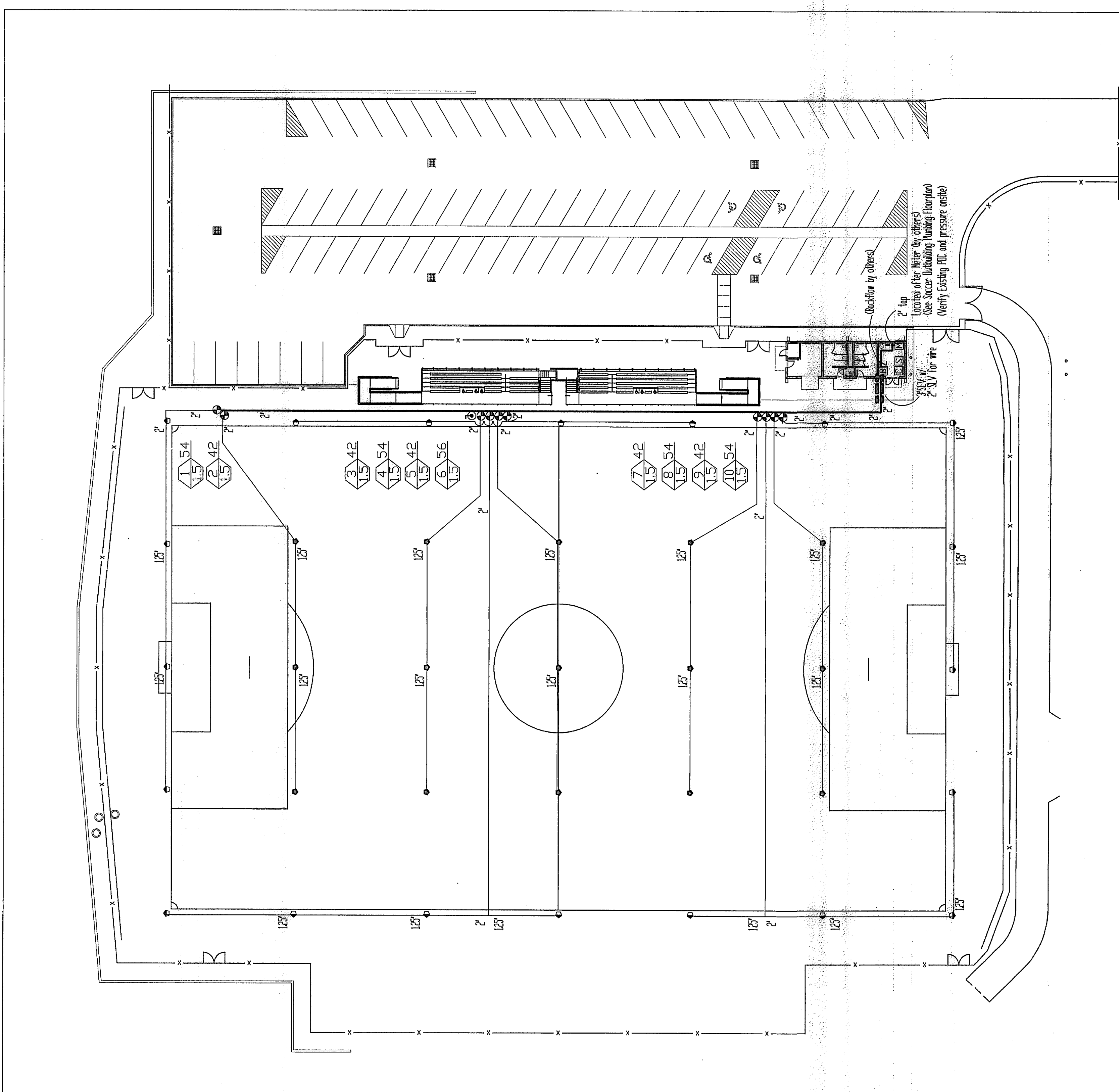
7005 SPORTS TURF ROTOR



RAIN SENSOR RSD-BEX



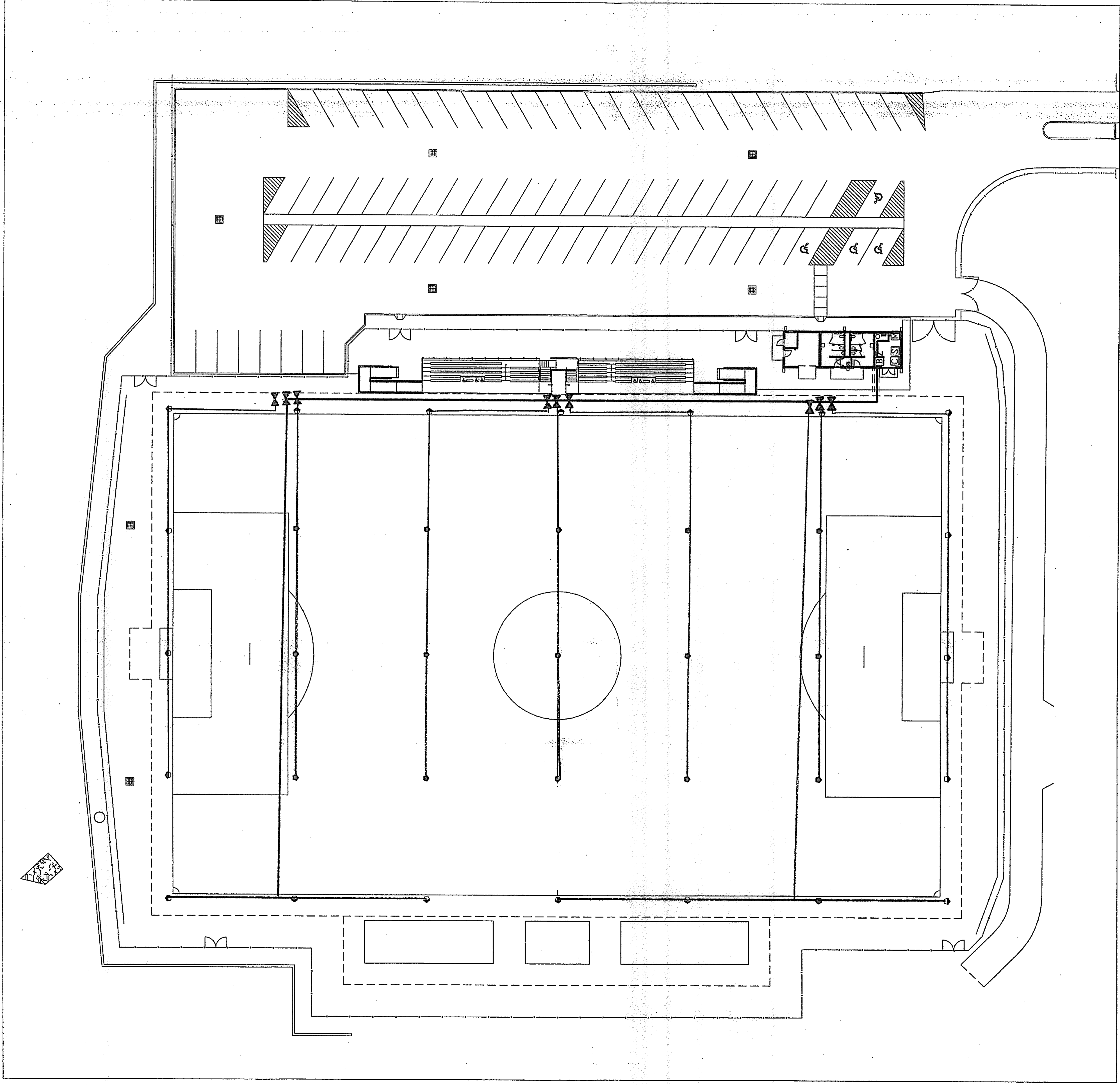
CONTROLLER -- WALL MOUNT



IRRIGATION PLAN

SCALE: 1"=30'-0"





IRRIGATION PLAN

SCALE: 1"=30'-0"

PROJECT: LAWRENCE CENTRAL HIGH SCHOOL SOCCER INDIANAPOLIS, INDIANA

IRRIGATION PLAN

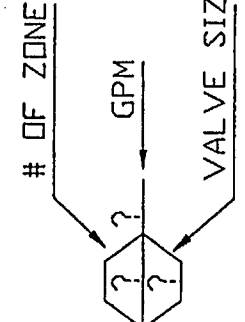
LEGEND	
DESCRIPTION	MANUFACTURER
1 Sports Turf Rotor	Rain Bird 7005-14-H 12-0 *
2 Sports Turf Rotor	Rain Bird 7005-14-F *
3 Backflow Preventer	Stu-Rite 3000 E-Horse
4 Meter	Illinois 2" RP (By Others)
5 Controller	ES-1000
6 Remote Control Valves	Rain Bird ESP-LX Modular
7 1/2" Electric Valve	Rain Bird 150 PIGA Series
8 2" 160 PSI SDR 26 PVC Mainline Pipe	

MEMBER
THE IRRIGATION ASSOCIATION

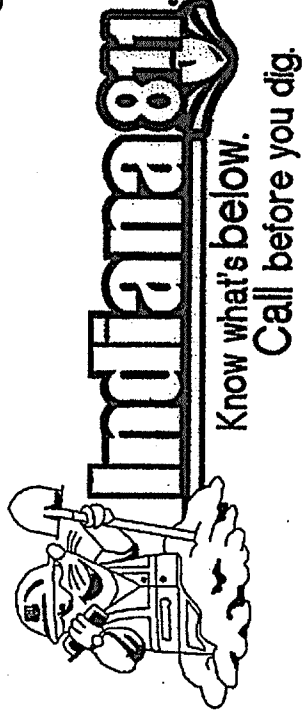
Automatic Irrigation
14500 W. 10th Ave. Suite 100
Denver, CO 80231
303-751-1000
www.automaticirrigation.com

(317) 585-0167 OFFICE
(317) 585-0168 FAX
www.irrigationsource.com

* When using the same rotors in the 7005 part & Full circle rotors, circle twice as long as the part circles in the schedule.



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DOCUMENT REVIEW STATUS:	
SPEC. SECTION: AS BUILT	
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☐ APPROVED AS NOTED	☐ REJECTED
DATE: 1.15.09	
DRAWN BY: AW	
CHECKED BY: JEZ	
SCALE: 1"=30'-0"	
RECORD DRAWING	
SHEET: 1 OF 1	





PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

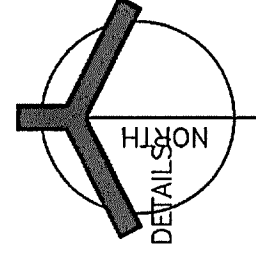
GIBALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

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[illegible]DRAWING
FOUNDATION PLANS

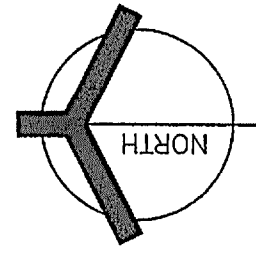
PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

SB101



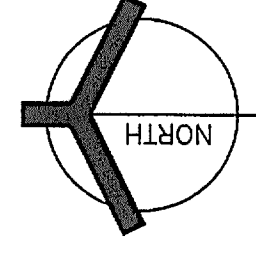
FOUNDATION PLAN (SOCCER)

SCALE: 1/4"=1'-0"



FOUNDATION PLAN (BAND STORAGE)

SCALE: 1/4" = 1'-0"



FOUNDATION PLAN (BASEBALL)

SCALE: 1/4" = 1'-0"

FOUNDATION/SLAB PLAN NOTES

1. SEE SHEET S-001 FOR GENERAL NOTES, STRUCTURAL LEGEND, SCHEDULES AND TYPICAL DETAILS.
2. ALL ELEVATIONS ARE REFERENCED FROM A FINISH GRADE ELEVATION. SEE SCHEDULES FOR PLAN AND VERT. WITH ARCHITECTURAL FLOOR PLANS
3. SLAB CONTROL AND CONSTRUCTION JOINTS ARE TO BE Laid OUT PER CONTRACTOR PLANNED SEQUENCE OF COMPLETION. (SEE SPECIFICATION)
4. SEE S-001 FOR FOUNDATION AND SLAB
5. TOP OF INTERIOR FOOTING IS TYPICALLY 1'-0" BELOW FINISH FLOOR ELEVATION UNLESS OTHERWISE NOTED. (SEE PLAN)

GILLIATTE GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS:

SPEC. SECTION: _____

AS BUILT

☐ REVIEWED ☐ APPROVED

☐ REJECTED ☐ REJECTED

BY [Signature] DATE 11/11/2011



PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

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Indianapolis, IN 46260
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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

[illegible]

DRAWING
MASONRY PANEL
REINFORCING AND Lintel
PLANS

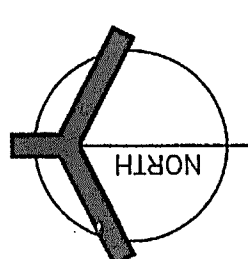
PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS.

— / —

GIBSON TAP DESIGN

SHEET

SL101



MASONRY PANEL REINFORCING AND LINTEL PLAN

SCALE: 1/4"=1'-0" (SOCCER)

MASONRY PANEL REINFORCING/INTEL PLAN NOTES

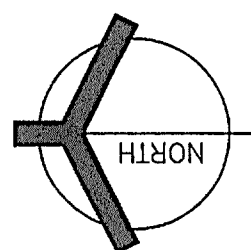
1. SEE DRAWING S-001 FOR NOTES, SCHEDULES, AND TYPICAL DETAILS.
2. SEE DRAWING S-001 FOR MASONRY WALL LINTEL DETAILS.
3. SEE DRAWING S-001 FOR MASONRY AND STEEL LINTEL SCHEDULES.
4. VERIFY ALL LINTEL OPENINGS AND ELEVATIONS WITH ARCHITECTURAL PLAN.
5. INDICATES MASONRY WALL PANEL. SEE DRAWING S-001 FOR MASONRY CONSTRUCTION METHOD AND REINFORCEMENT REQUIREMENTS.
6. FOR MULTI-SPAN CONTINUOUS UNITS MAXIMUM 16" SPACING BETWEEN OPENINGS UNLESS OTHERWISE NOTED.

GILLIATTE GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS:

SPEC. SECTION: AS BUILT

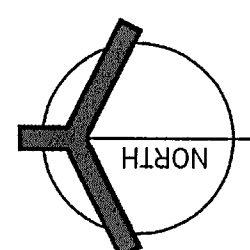
☐ REVIEWED ☐ APPROVED
☐ APPROVED AS NOTED ☐ REJECTED

BY [Signature] DATE 8/10/10



MASONRY PANEL REINFORCING AND LINTEL PLAN

SCALE: 1/4"=1'-0" (BAND STORAGE)



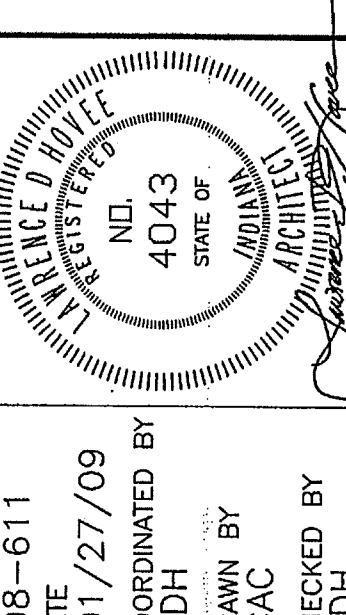
MASONRY PANEL REINFORCING AND LINTEL PLAN

SCALE: 1/4"=1'-0" (BASEBALL)



PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HIGH SCHOOL AND RELATED WORK

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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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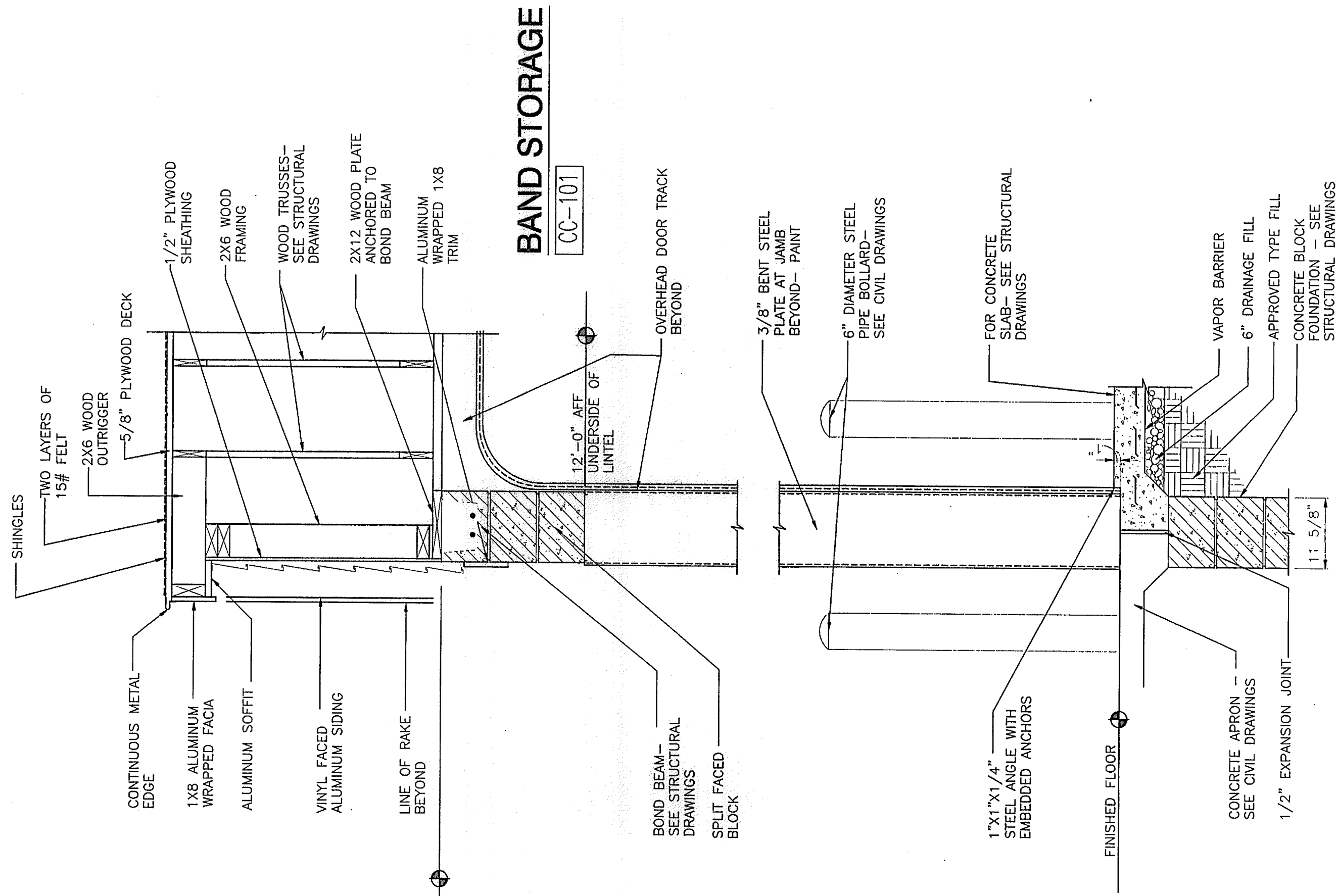
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AWING AND STORAGE

OBJECT THE IMPROVEMENTS TO LAWRENCE CENTRAL HS

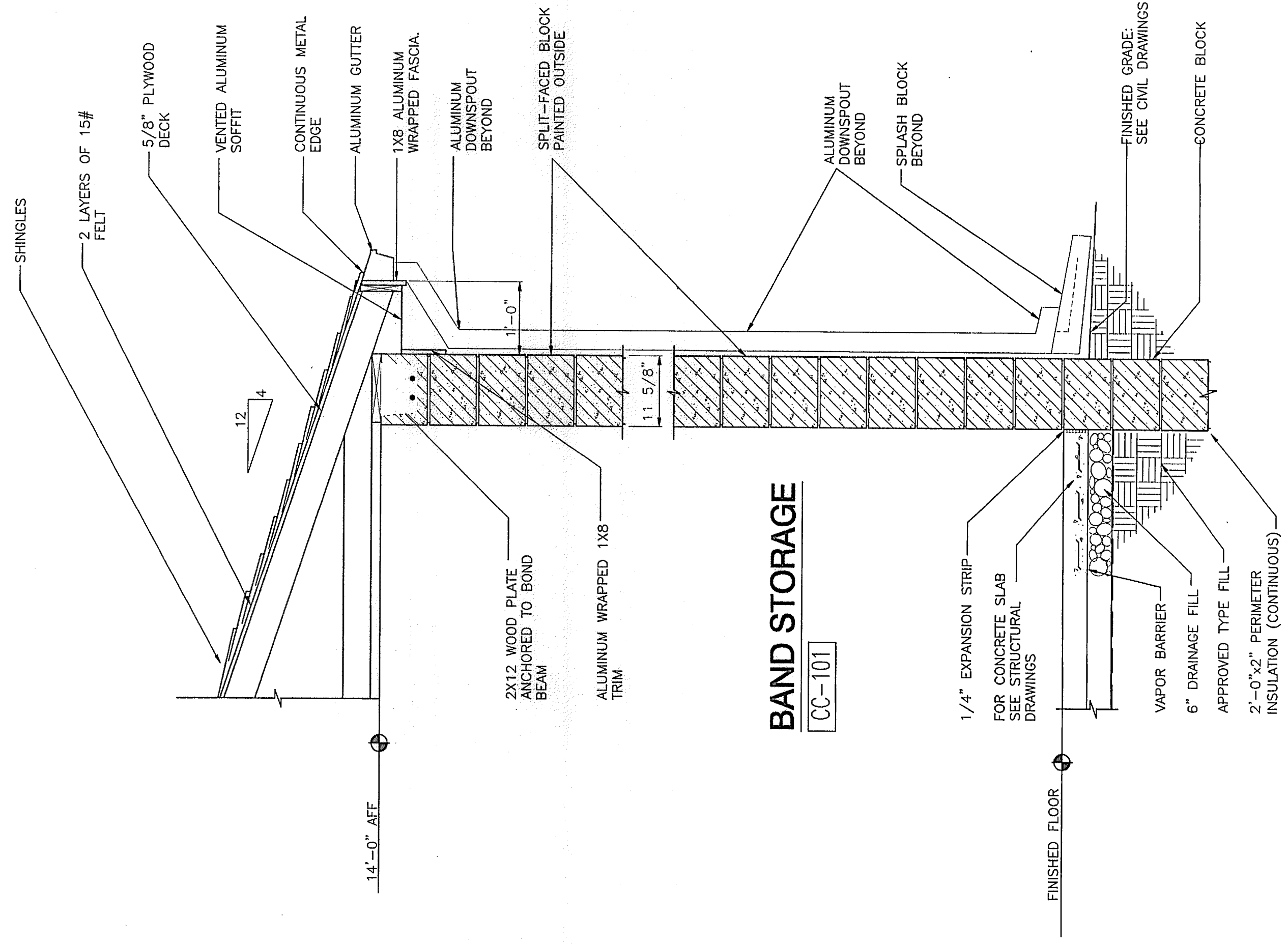
CC AE102 SHEET



WALL SECTION

SCALE: $3/4" = 1'-0"$

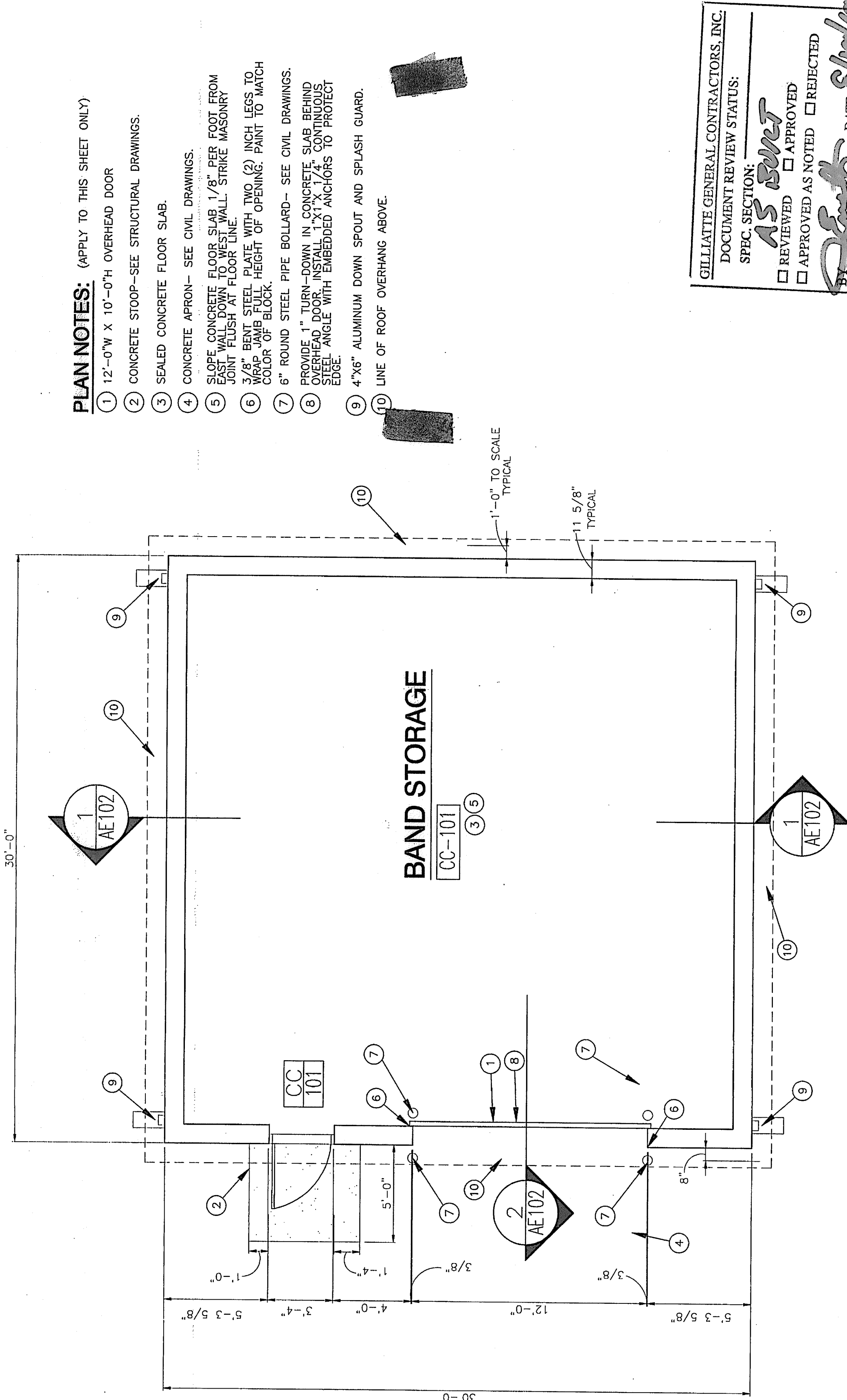
2 AE102



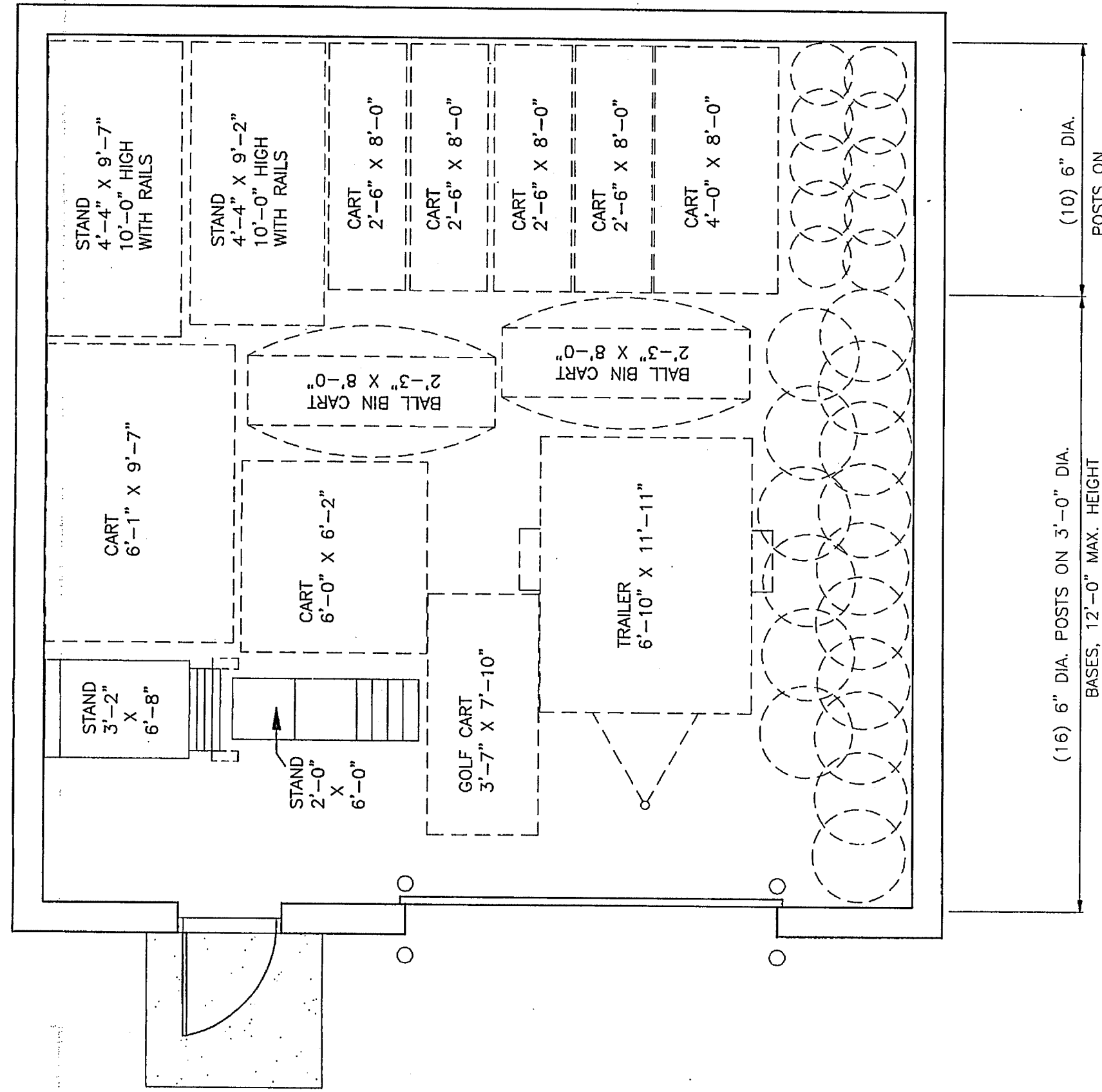
WALL SECTION

SCALE: 3/4" = 1'-0"

1
AE102



BAND STORAGE FLOOR PLAN
SCALE: 1/4" = 1'-0"



**BAND EQUIPMENT PLAN
FOR OWNER'S USE**

SCALE: 1/4" = 1'-0"

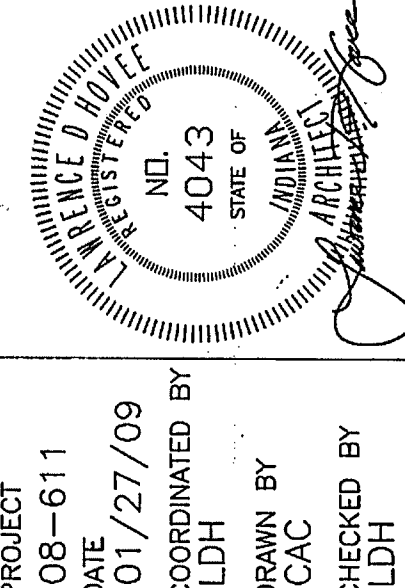
IMPKOV\DRAWINGS\SHEETS\ARCHITECTURAL\08-611-AE102.DWG



PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
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LAWRENCE CENTRAL HIGH SCHOOL
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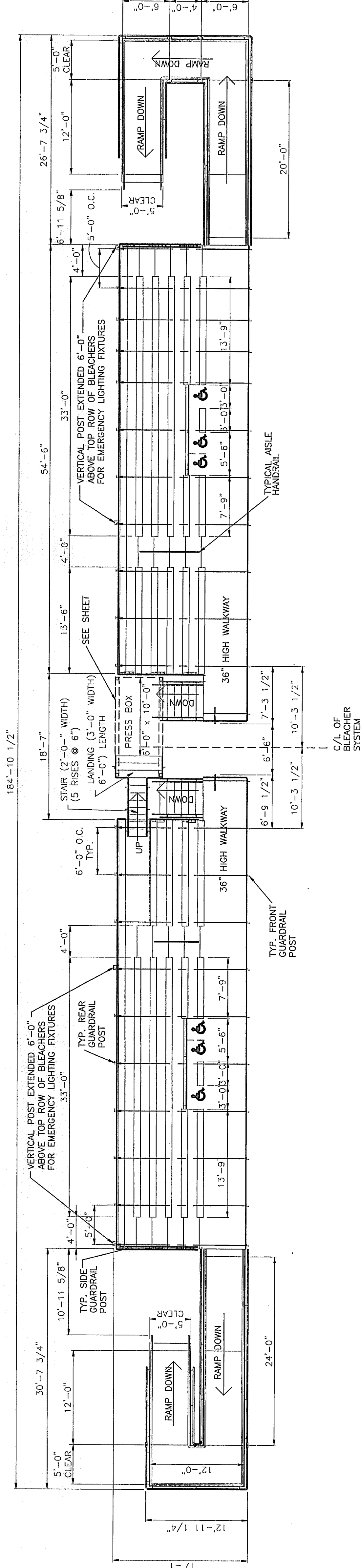
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DRAWING BASEBALL & SOCCER LEACHER PLAN

PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS

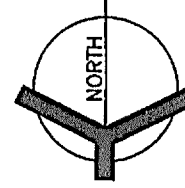
LIBRARY DESIGN	SHEET	AE103
		--

SECTION	GROSS SEATING CAPACITY (BASED ON 18" PER SEAT)		NET SEATING CAPACITY (BASED ON 18" PER SEAT)		TOTAL NET SEATING CAPACITY (BASED ON 18" PER SEAT)
	LENGTH	SEATS	LENGTH	SEATS	
64.5	36.00	1	36	1	171
33	22.00	2	66	2	
13.75	9.00	2	18	2	168
7.75	5.00	2	10	2	
13.5	9.00	4	36	4	177
3	2.00	1	3	1	
WHEELCHAIR SPACES		NET SEATING SPACES		TOTAL NET SEATING SPACES	
3		168		177	
WHEELCHAIR SPACES		NET SEATING SPACES		TOTAL NET SEATING SPACES	
3		168		171	
WHEELCHAIR SPACES		NET SEATING SPACES		TOTAL NET SEATING SPACES	
3		168		171	



Soccer Field Bleacher Seating Plan

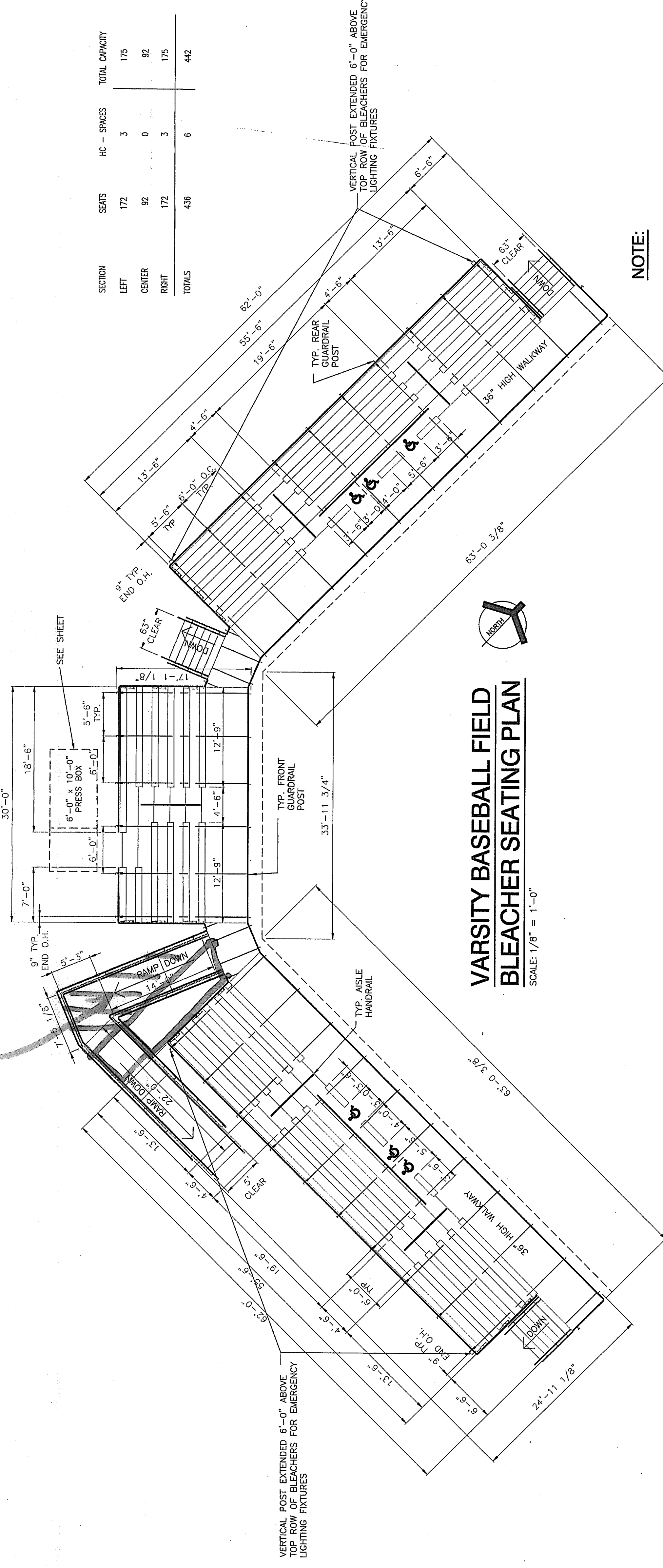
SCALE: 1/8" = 1'-0"



NOTE:

BASIS OF DESIGN IS NATIONAL RECREATION SYSTEMS, INC.

SECTION	SEATS	HQ - SPACES	TOTAL CAPACITY
LEFT	172	3	175
CENTER	92	0	92
RIGHT	172	3	175
TOTALS	436	6	442



VARSITY BASEBALL FIELD BLEACHER SEATING PLAN

SCALE: 1/8" = 1'-0"

NOTE:

BASIS OF DESIGN IS NATIONAL RECREATION SYSTEMS, INC.

GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS:

SPEC. SECTION: AS BUILT

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BY [Signature] DATE 8/2/00



PROJECT SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GILLIATTE GENERAL CONTRACTORS INC.	DOCUMENT REVIEW STATUS:
SPEC. SECTION:	☐ REVIEWED ☐ APPROVED ☐ REJECTED ☐ APPROVED AS NOTED ☐ REJECTED
DATE <u>AS BUILT</u> <u>5/10/01</u> BY <u>Shelley</u>	

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Phone 317-580.5777 Fax 317-580.5778

PROJECT 08-611
DATE 01/27/09
COORDINATED BY LDH
DRAWN BY CAC
CHECKED BY LDH

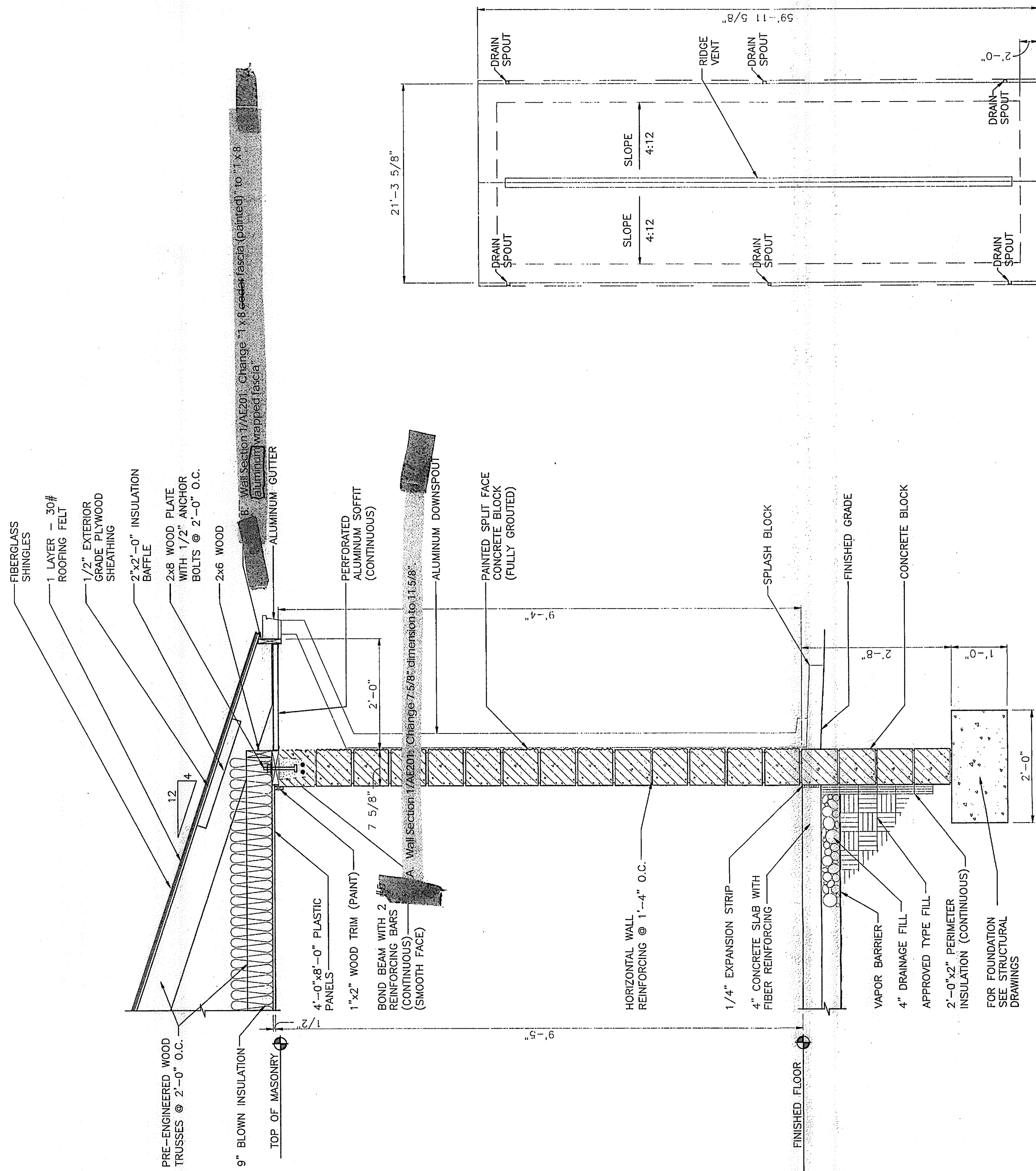
COPYRIGHT NOTICE:

[illegible]

**DRAWING
EXTERIOR
ELEVATIONS-ROOF PLAN**

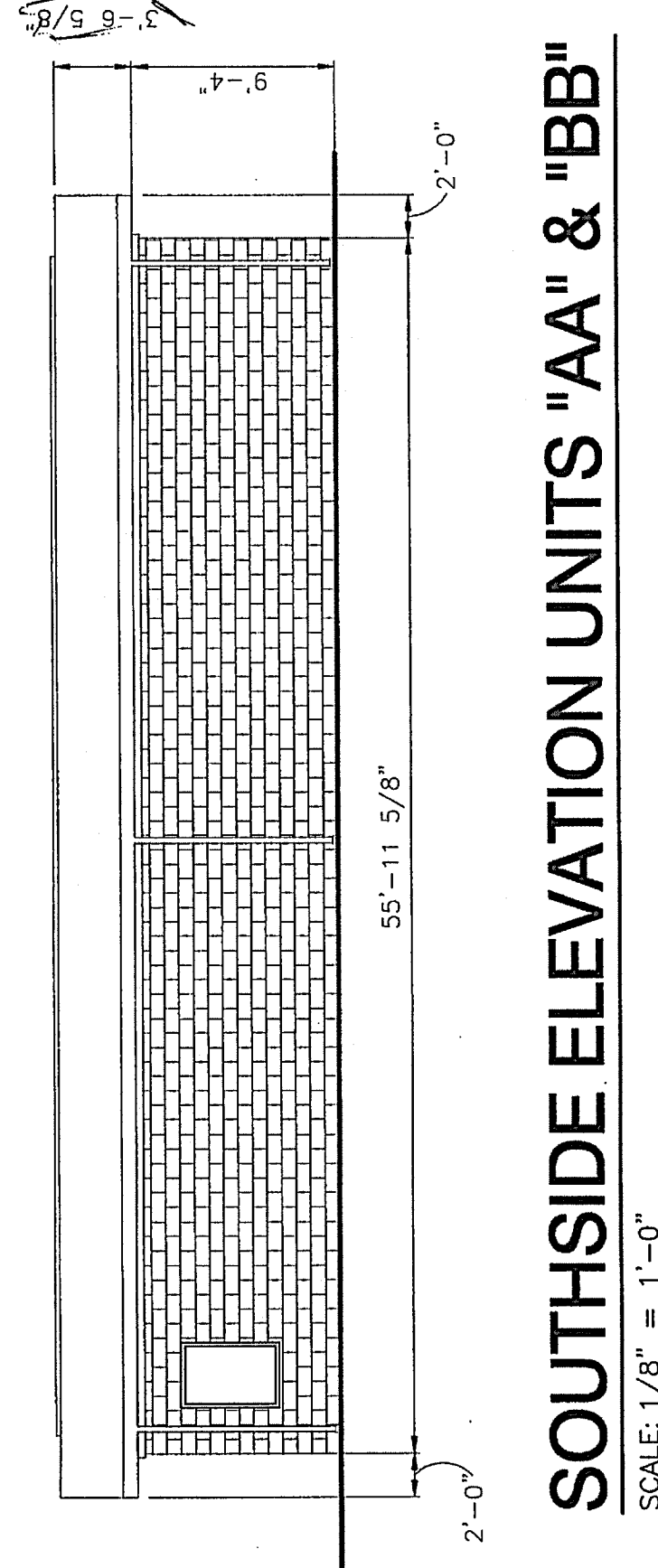
PROJECT
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© CIEA TAPAS DESIGN
AA- CC
SHEET AE201



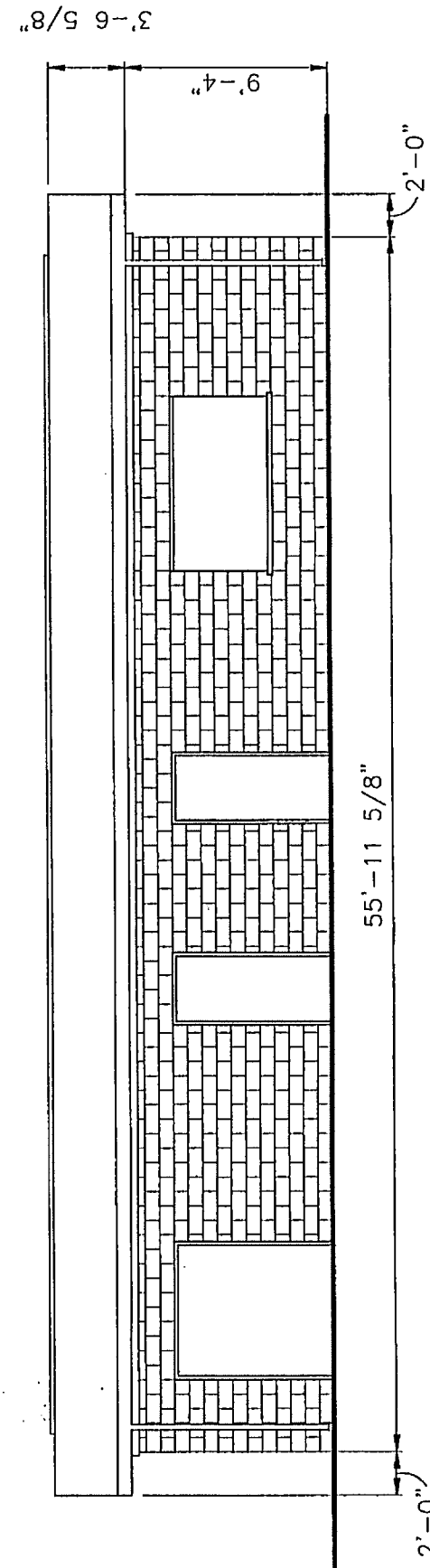
WALL SECTION

SCALE: $3/4'' = 1'-0''$



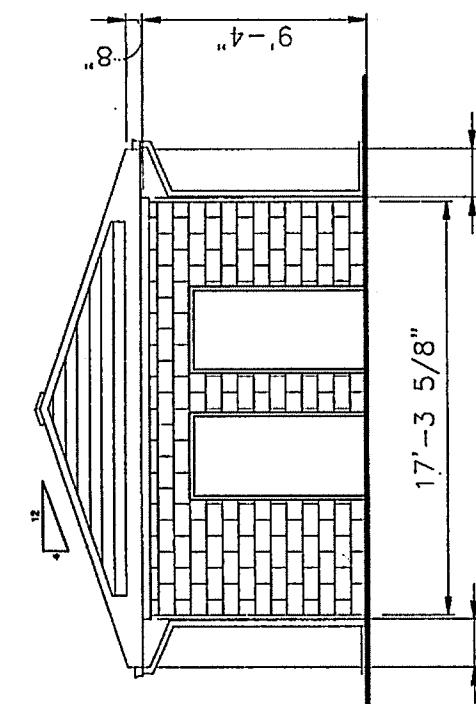
SOUTHSIDE ELEVATION UNITS "AA" & "BB"

SCALE: 1/8" = 1'-0"



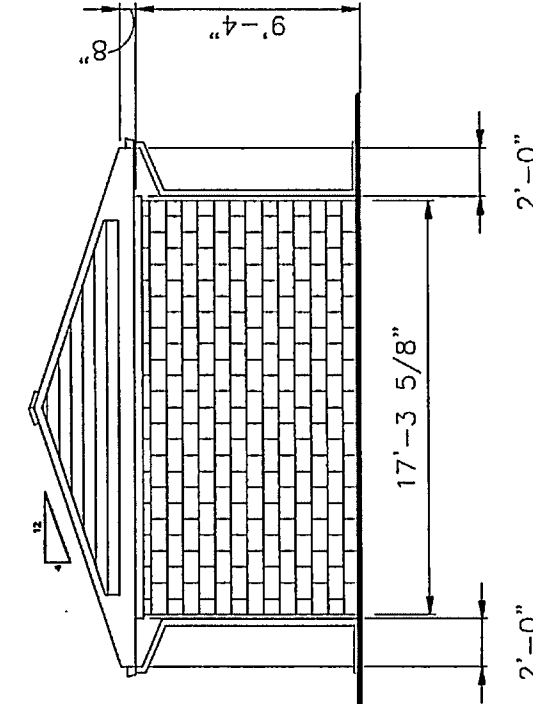
NORTHSIDE EVALUATION UNIT "AA" & "BB"

SCALE: 1/8" = 1'-0"



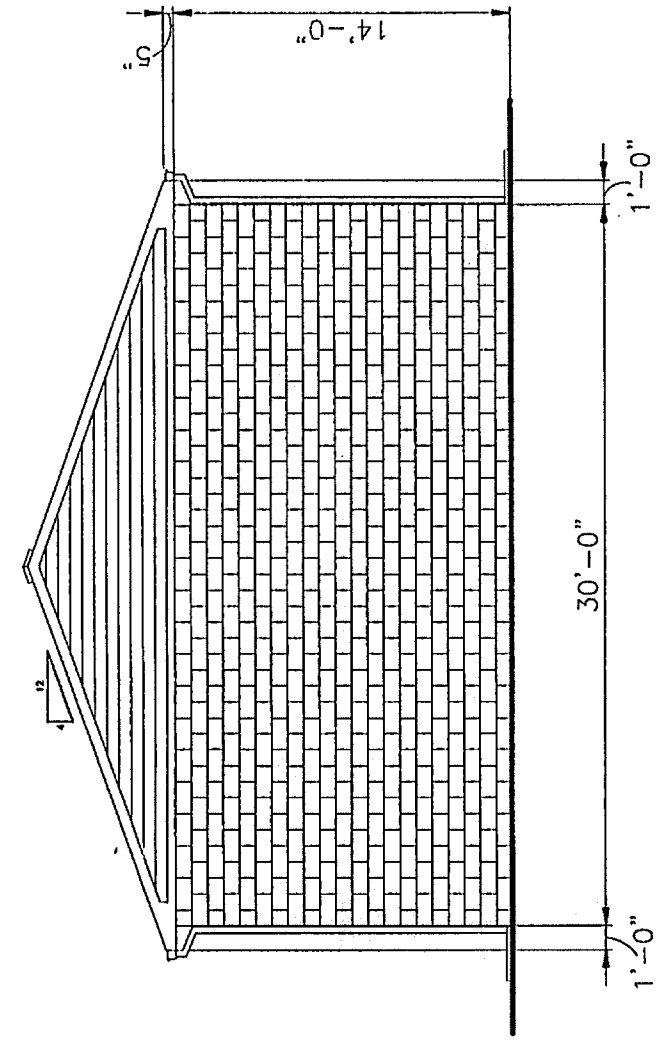
WESTSIDE EVALUATION UNIT "AA" & "BB"

SCALE: 1/8" = 1'-0"



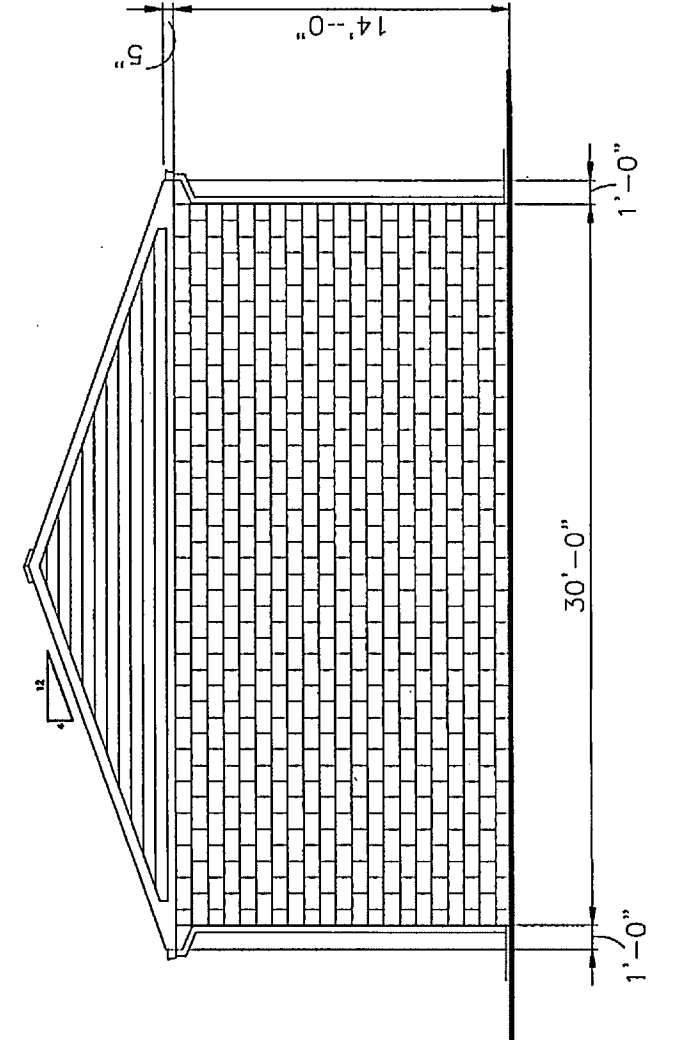
EASTSIDE ELEVATION UNIT "AA" & "BB"

SCALE: $1/8'' = 1'-0''$



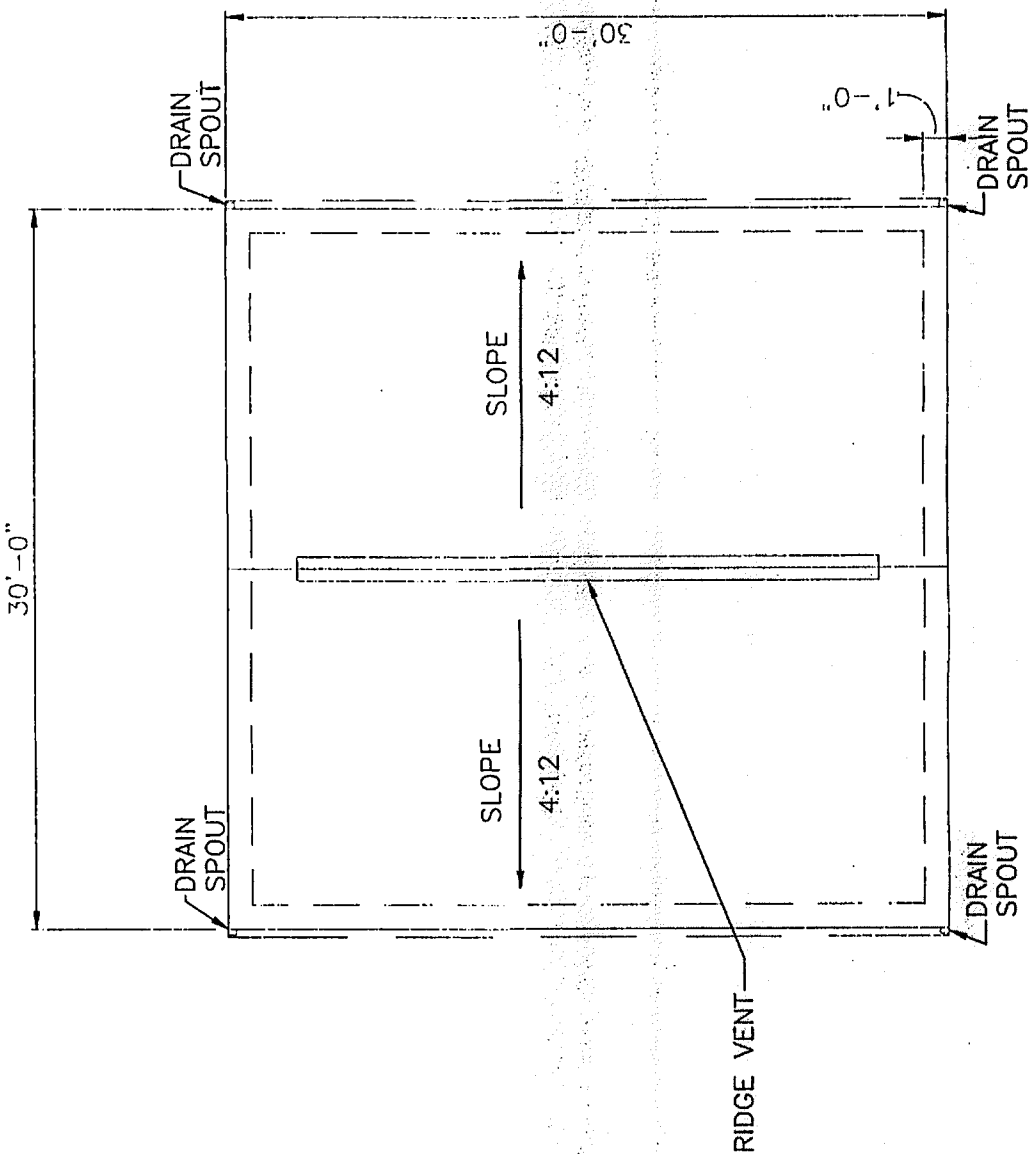
SOUTHSIDE ELEVATION UNIT "CC"

SCALE: 1/8" = 1'-0"



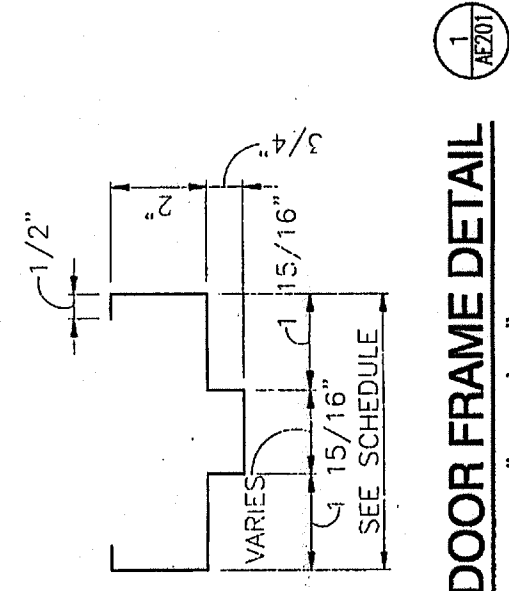
NORTHSIDE ELEVATION UNIT "CC"

SCALE: 1/8" = 1'-0"



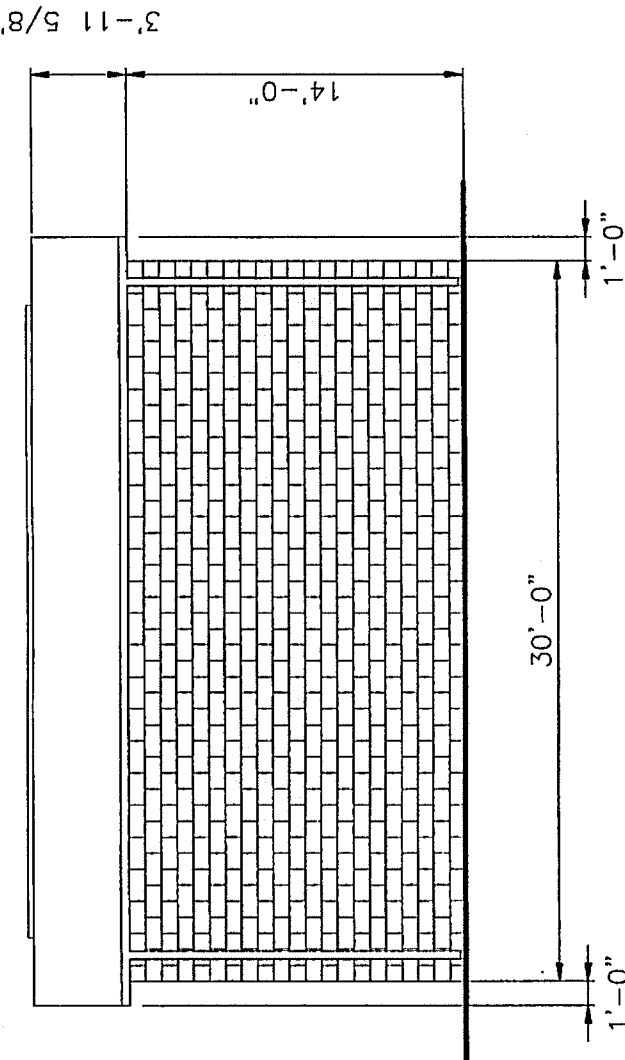
ROOF PLAN UNIT "CC"

SCALE: 1/8" = 1'-0"



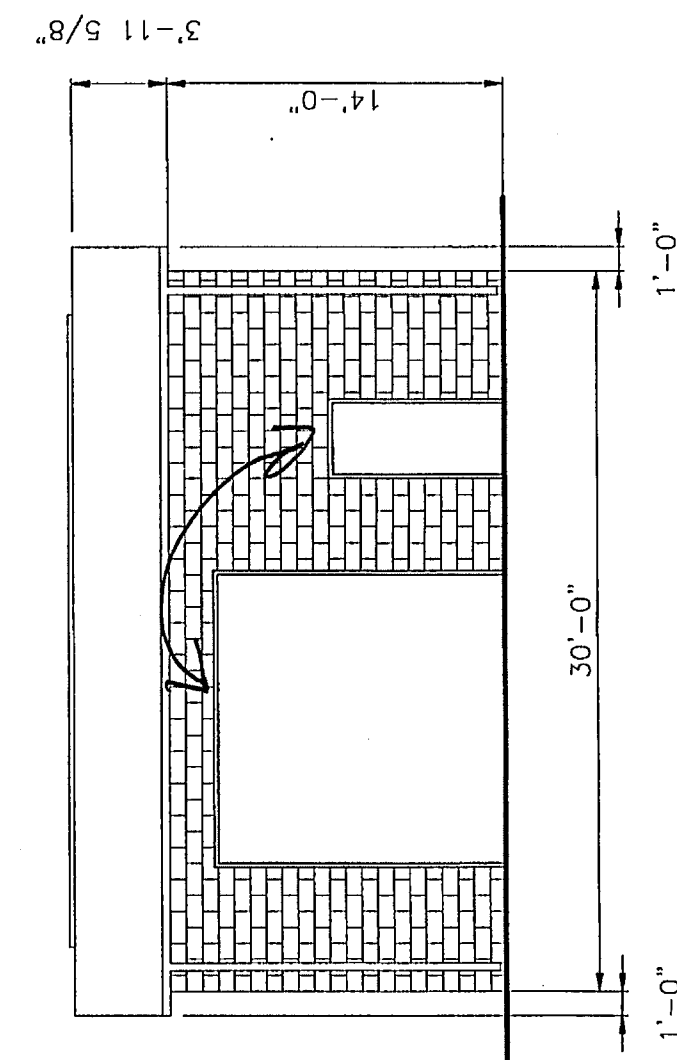
DOOR FRAME DETAIL

SCALE: 3" = 1'-0"



WESTSIDE ELEVATION UNIT "CC"

SCALE: 1/8" = 1'-0"



ASTSIDE ELEVATION UNIT "CC"

E: $1/8'' = 1'-0''$



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**PROJECT
SITE
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AND
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WORK**

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

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Indianapolis, IN 46266
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PROJECT	08-611
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DATE 01/27/09
COORDINATED BY

COORDINATES BY
LDH
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10

[illegible][illegible][illegible][illegible]

DRAWING
EXTERIOR ELEVATIONS

10

PROJECT

SITE IMPROVEMENT IS TO LAWRENCE CENTRAL HS

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-- AE202

ELEVATION NOTES:

(APPLY TO ALL ELEVATION SHEETS)

EXTERIOR ELEVATION 1 (NORTH)

SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION 2 (NORTH)

SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION 3 (NORTH)

SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION 4 (NORTH)

SCALE: 1/8" = 1'-0"

PAINT COLOR LEGEND:

P-1 PITTSBURGH PAINT: 513-5 SHARKSKIN

P-2 PITTSBURGH PAINT: 521-7 STAR ANISE

P-3 PITTSBURGH PAINT. 521-6 GRANITE

P-4 PITTSBURGH PAINT: CEILING WHITE

P-5 PITTSBURGH PAINT: SAFETY YELLOW

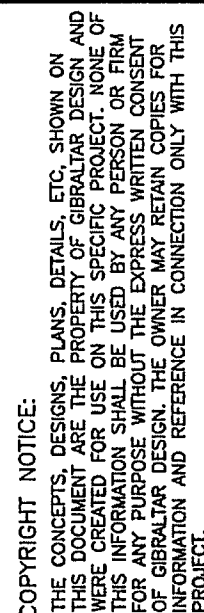
NOTE:

① SEE SHEET AE203 FOR KEY PLAN.



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AE203

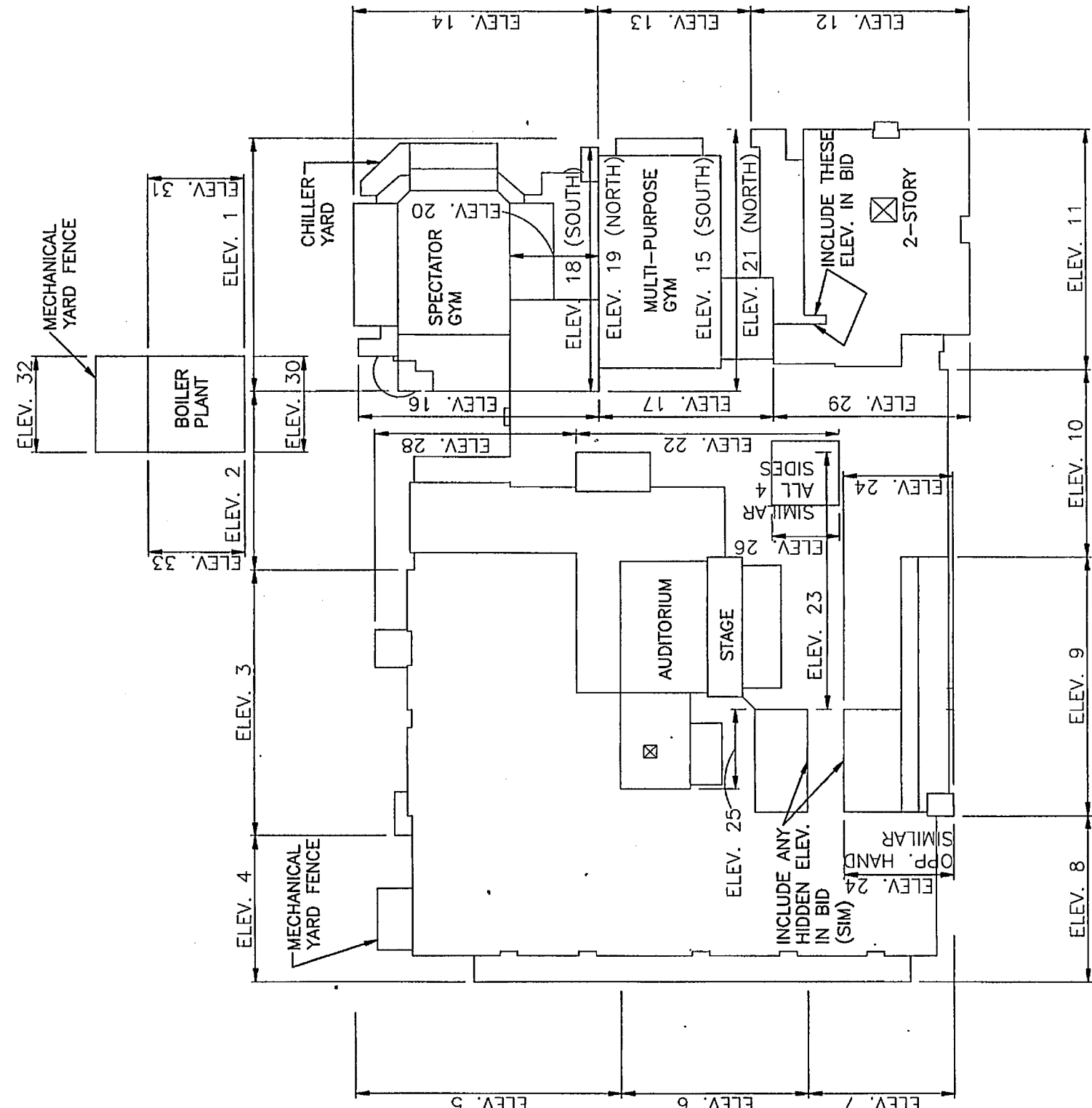
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NOTE:

1. AT EXTERIOR ELEVATIONS 5, 6, AND 7, PATCH AND REPAIR DENTS, CREASES, SCRAPES, AND PUNCTURES IN EXISTING METAL PANELS TO REMAIN, PRIOR TO PAINTING.
2. AT EXTERIOR ELEVATIONS 5, 6, AND 7, THERE IS ADDITIONAL METAL FASCIA AND COPING BETWEEN THE BUILDING AND THE CANOPY THAT IS TO BE PAINTED. THIS VIEW IS THE PAINTING CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY AND ACCOUNT FOR ALL EXISTING CONDITIONS PRIOR TO BID, OF WHICH THIS IS JUST ONE EXAMPLE.
3. SEE SHEET AE202 FOR LEGEND.

11/12



ELEVATION KEY PLAN
SCALE: NOT TO SCALE



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DRAWING EXTERIOR ELEVATIONS

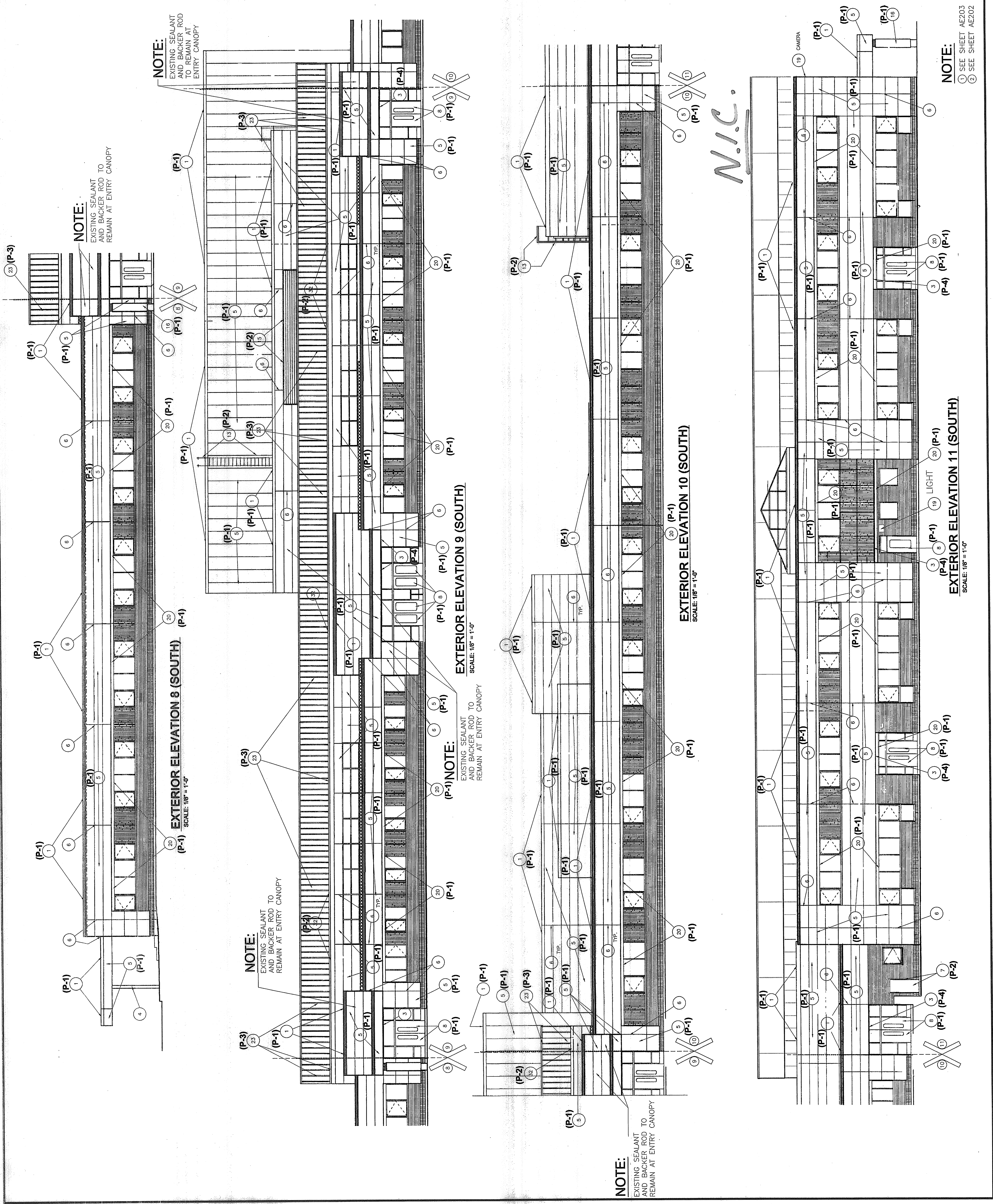
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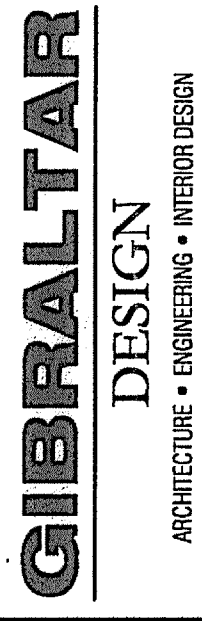
AE204

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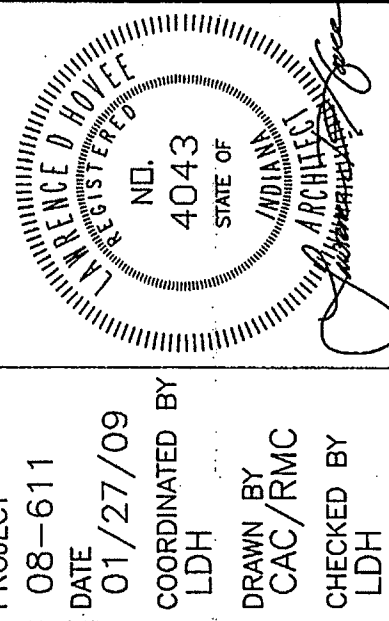
NOTE:

(F-4) **EXTERIOR ELEVATION 11 (SOUTH)**
SCALE: 1/8" = 1'-0"



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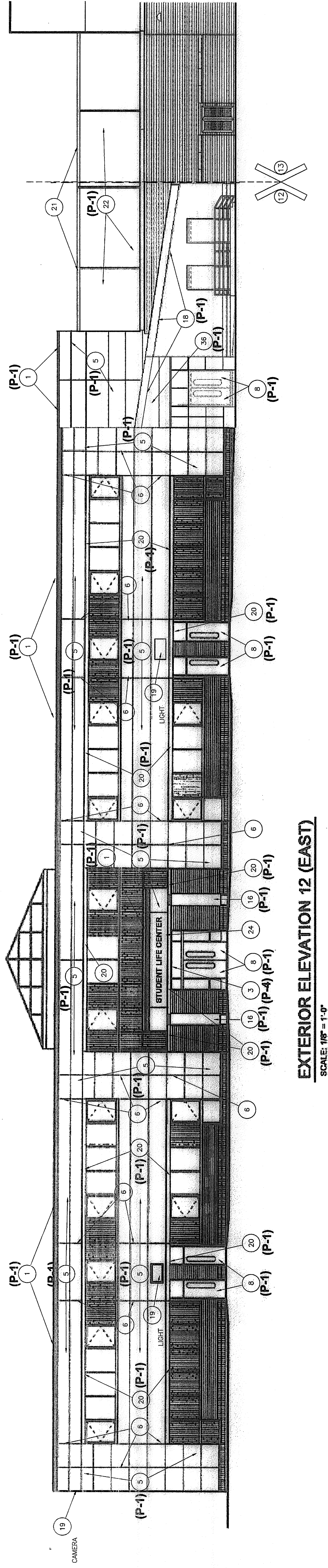
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[illegible]

DRAWING
EXTERIOR ELEVATIONS

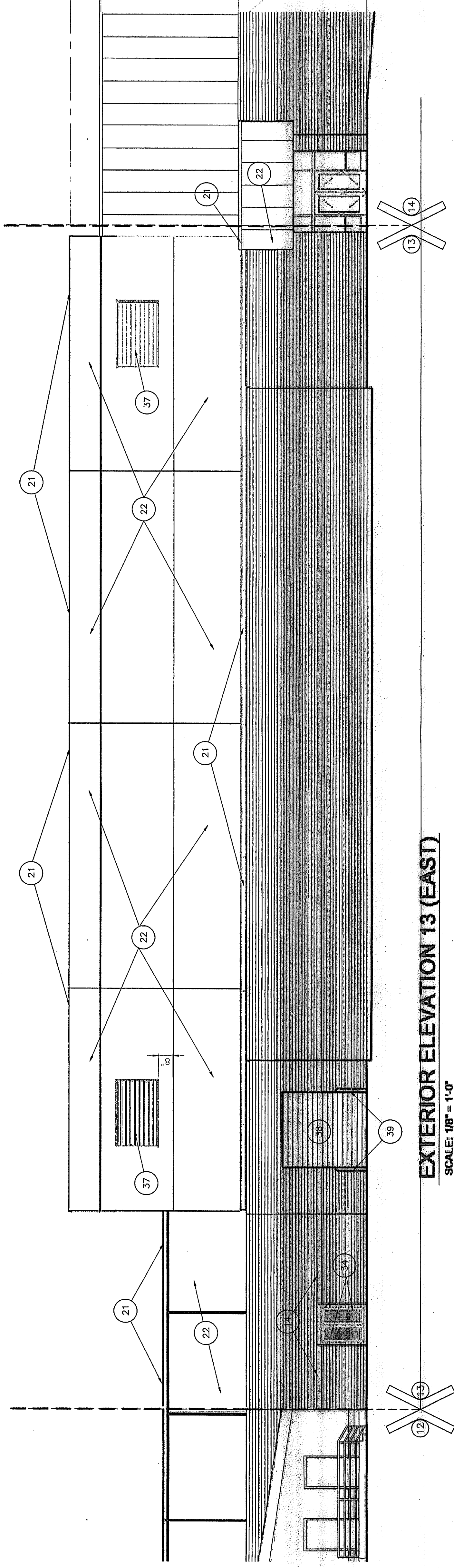
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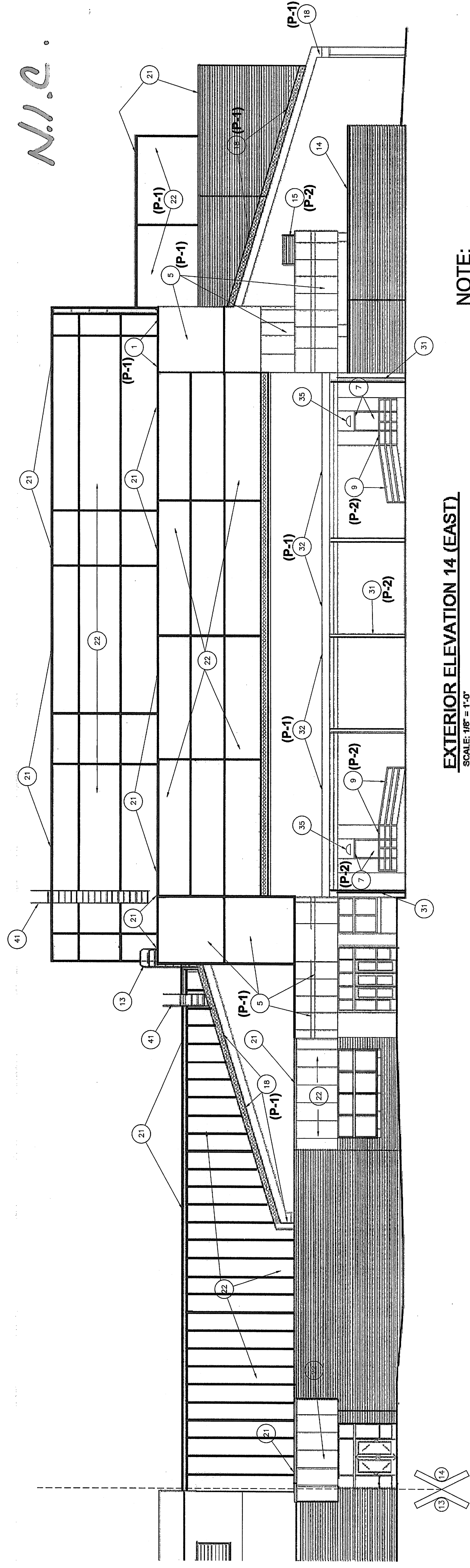
EXTERIOR ELEVATION 12 (EAST)

SCALE: 1/8" = 1'-0"



EXTERIOR ELEVATION 13 (EAST)

212



EXTERIOR ELEVATION 14 (EAST)

NOTE:

① SEE SHEET AE203 FOR KEY PLAN

② SEE SHEET AE202 FOR PAINT COLOR LEGEND.



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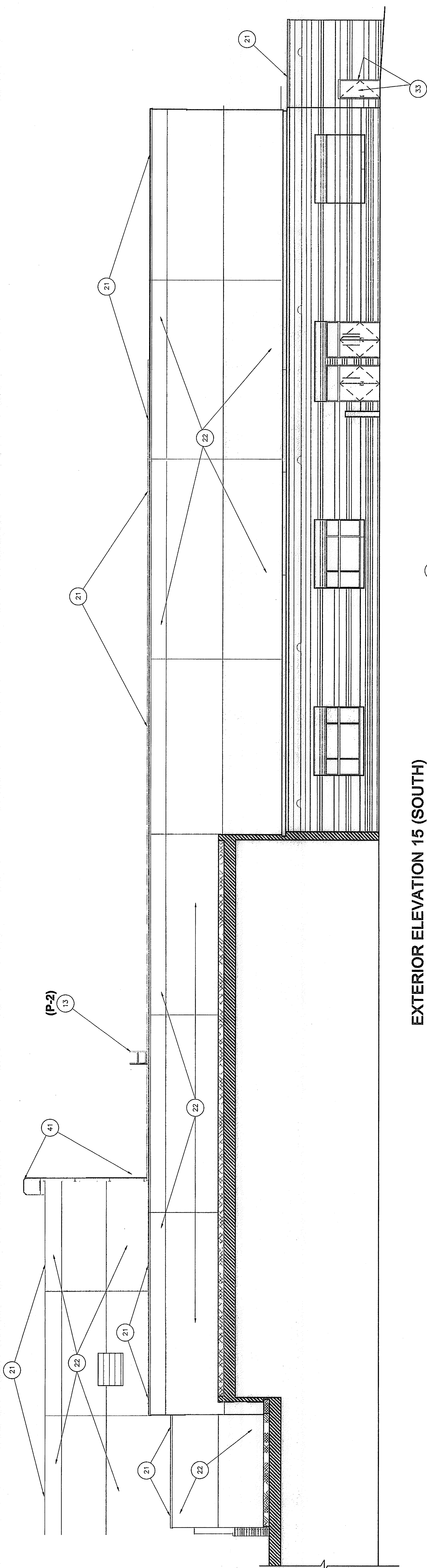
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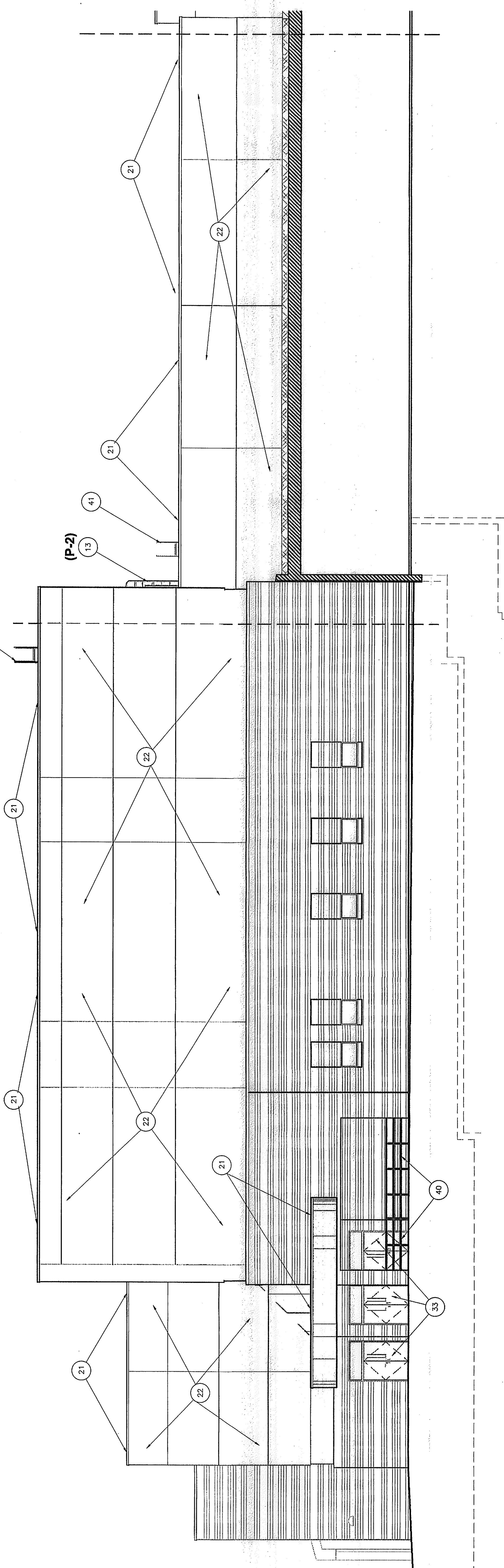
RAWING XTERIOR ELEVATIONS

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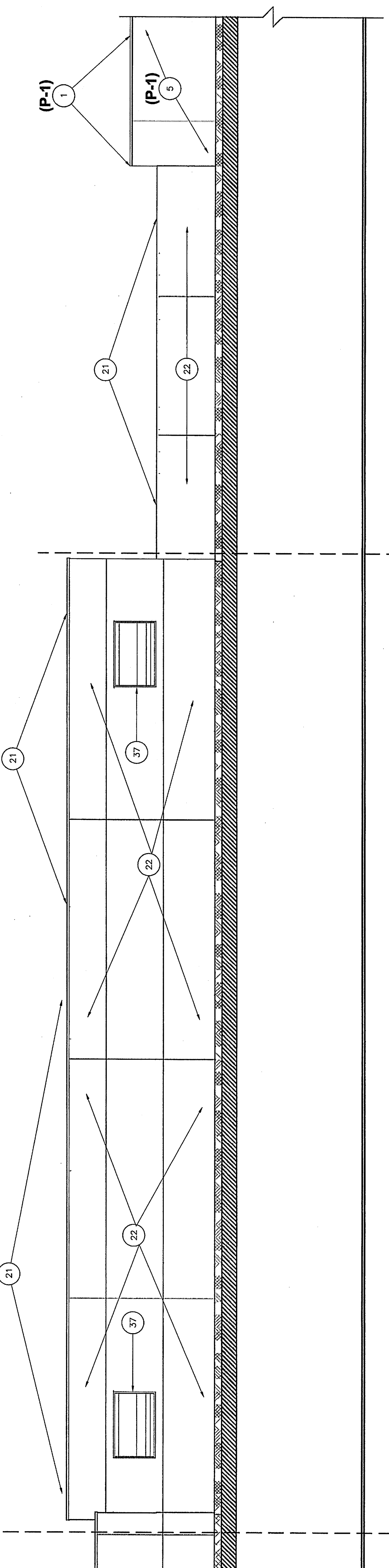
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SHEET
AE206



EXTERIOR ELEVATION 15 (SOUTH)



EXTERIOR ELEVATION 16 (WEST)
SCALE: 1/8" = 1'-0"



EXTERIOR ELEVATION 17 (WEST)
SCALE: 1/8" = 1'-0"

NOTE:



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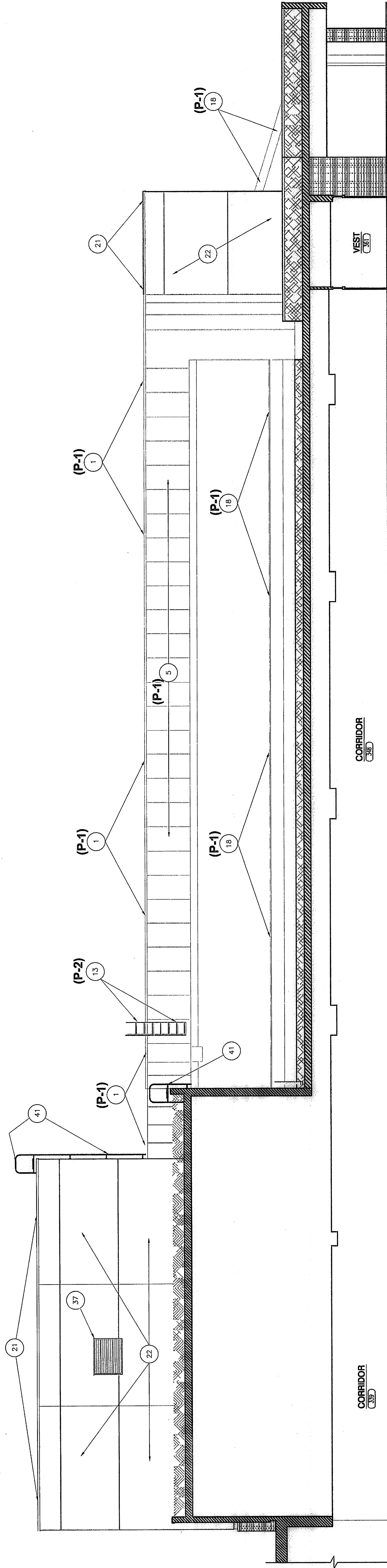
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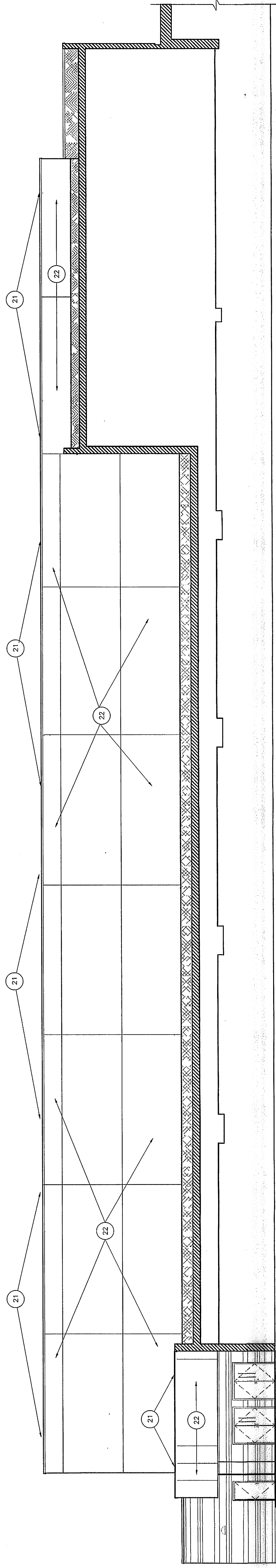
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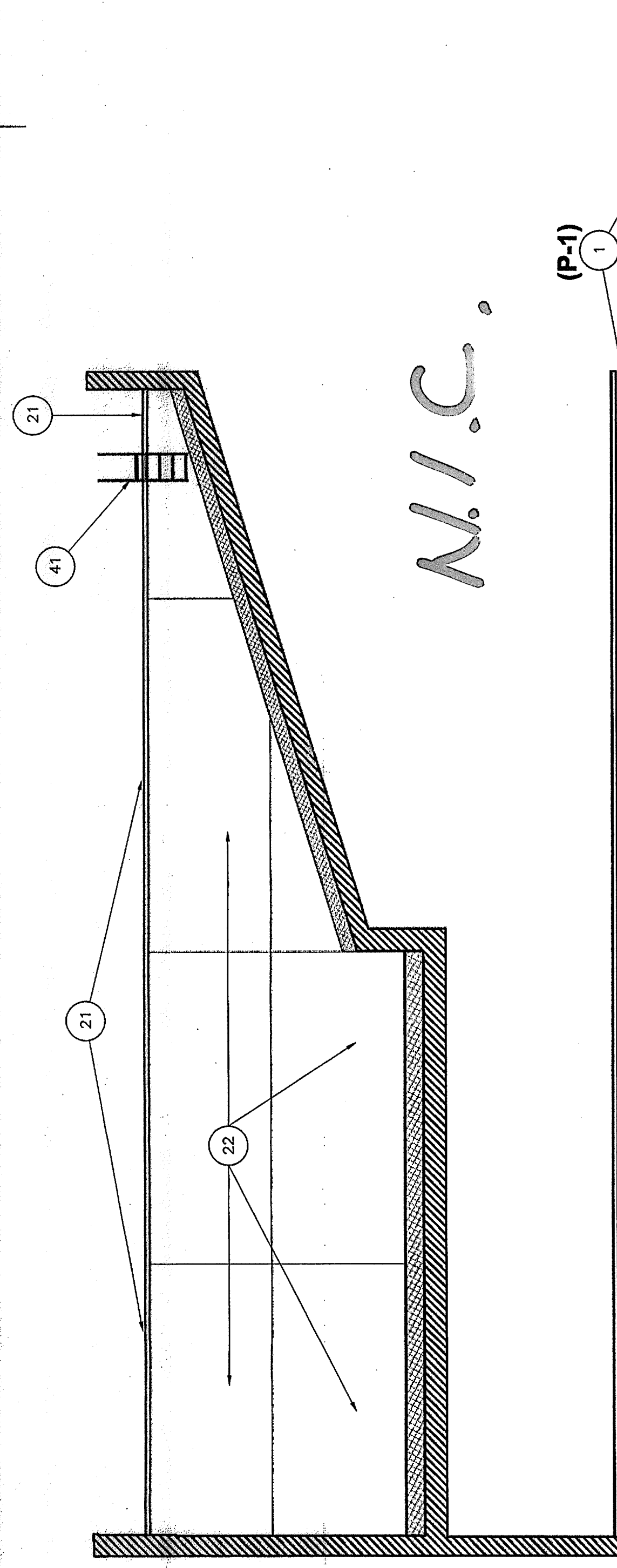
EXTERIOR ELEVATION 18 (SOUTH)

SCALE: 1/8" = 1'-0"



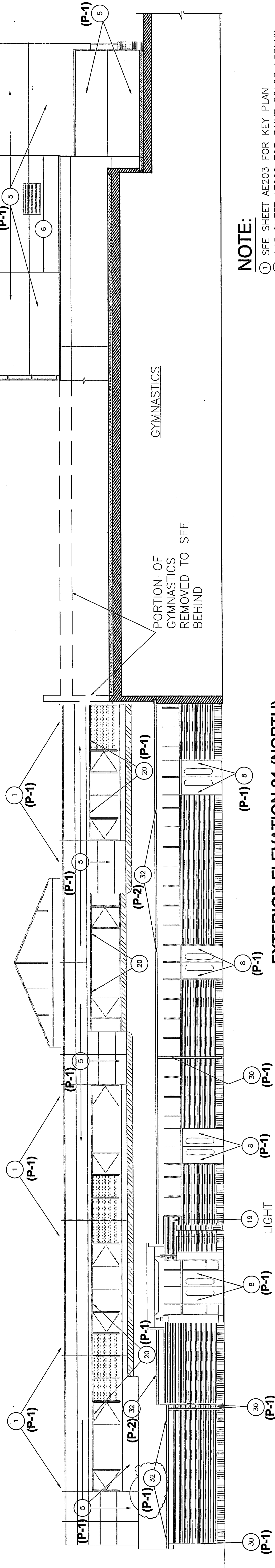
EXTERIOR ELEVATION 19 (NORTH)

SCALE: 1/8" = 1'-0"



EXTERIOR ELEVATION 20 (EAST)

SCALE: 1/8" = 1'-0"



EXTERIOR ELEVATION 21 (NORTH)

SCALE: 1/8" = 1'-0"

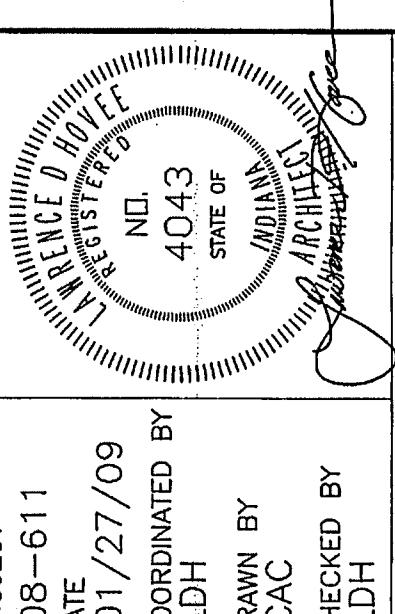
NOTE:

- ① SEE SHEET AE203 FOR KEY PLAN
② SEE SHEET AE202 FOR PAINT COLOR LEGEND.



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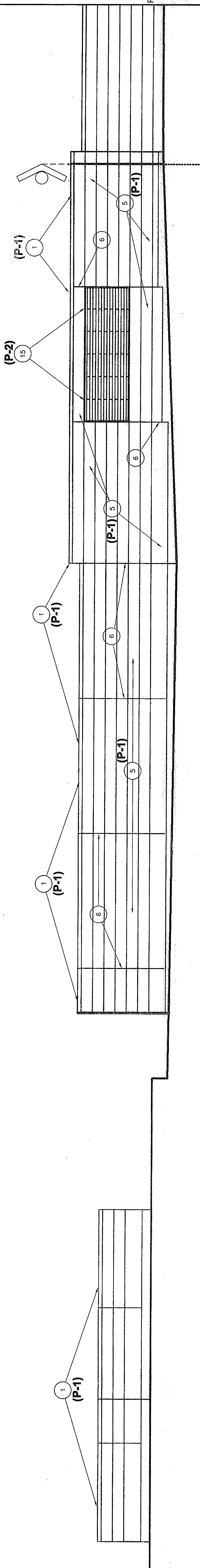
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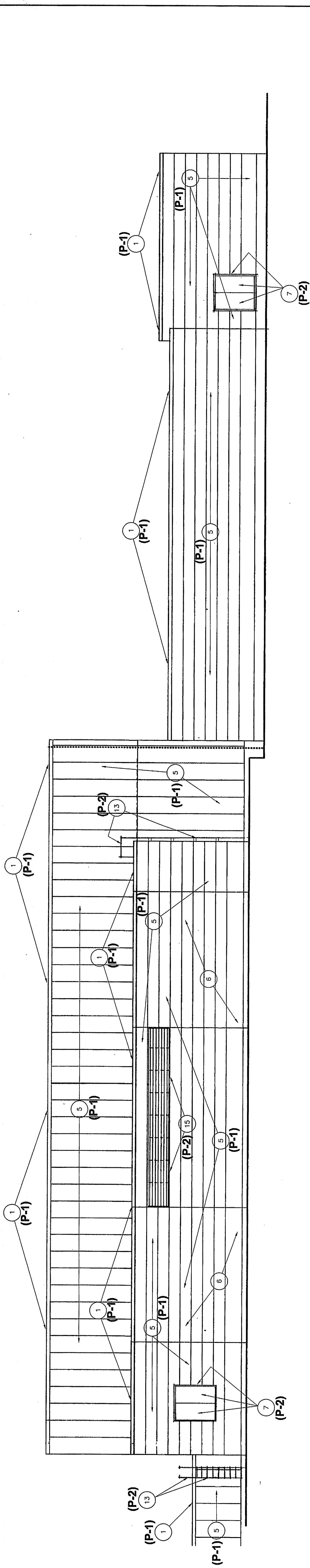
DRAWING EXTERIOR ELEVATIONS

PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS

BRALTAIR DESIGN SHEET AE208 --

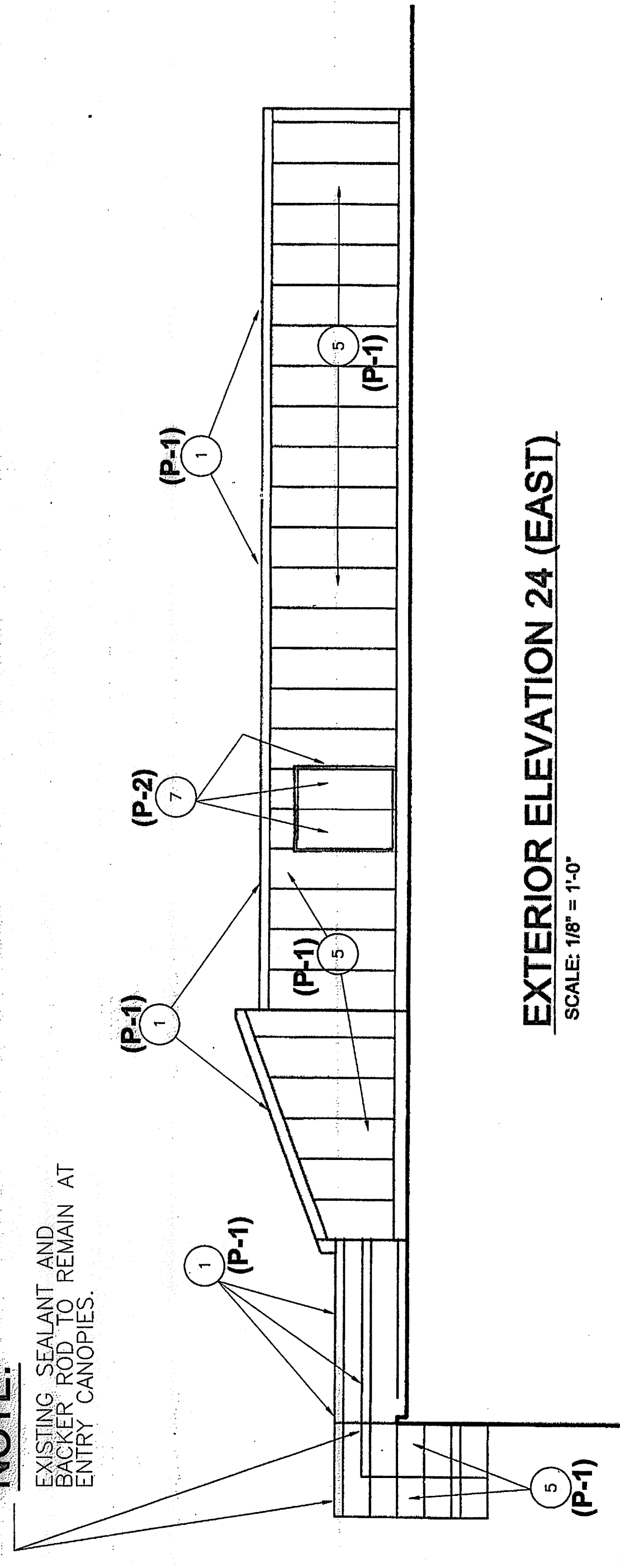


EXTERIOR ELEVATION 22 (EAST)

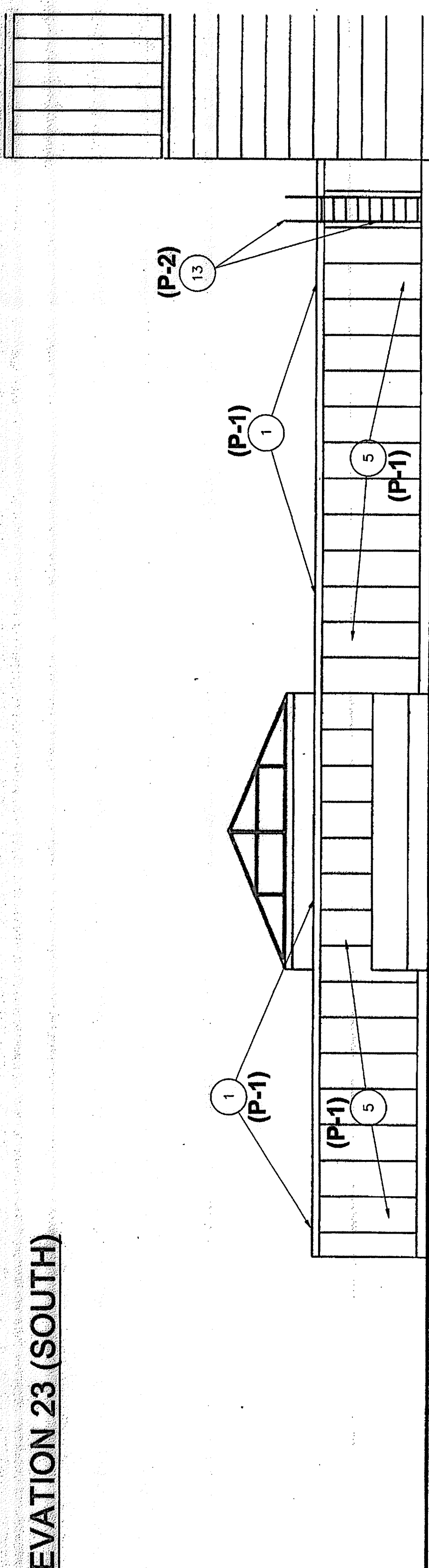


EXTERIOR ELEVATION 23 (SOUTH)
SCALE: 1/8" = 1'-0"

NOTE:

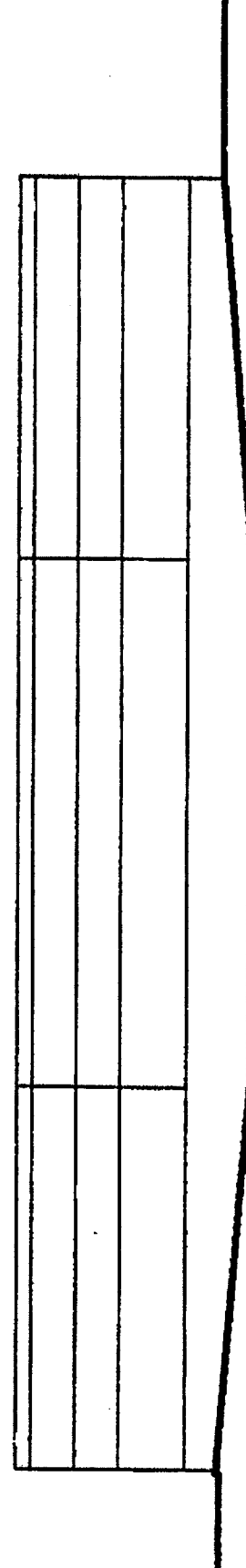


EXTERIOR ELEVATION 24 (EAST)
SCALE: 1/8" = 1'-0"

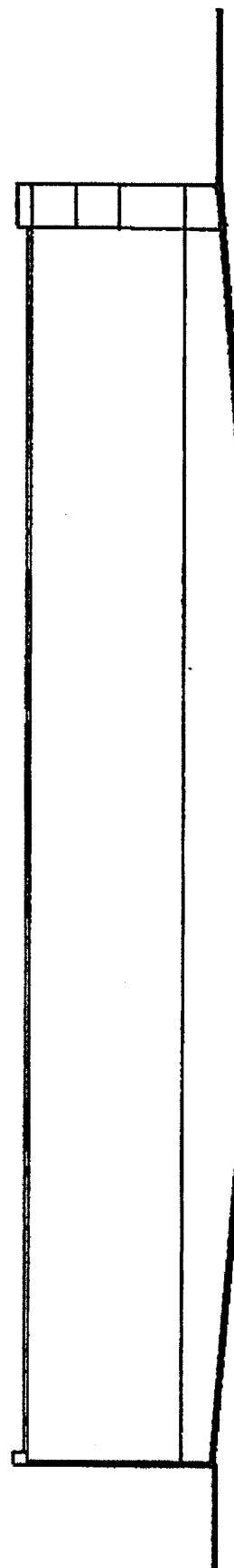


EXTERIOR ELEVATION 25 (SOUTH)
SCALE: 1/8" = 1'-0"

2.1.



EXTERIOR ELEVATION 26 (WEST)

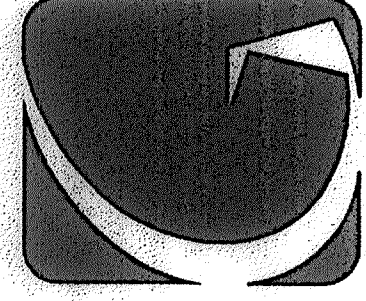


EXTERIOR ELEVATION 27 (NORTH)

SCALE: 1/8" = 1'-0"

NOTE:

- ① SEE SHEET AE203 FOR KEY PLAN
- ② SEE SHEET AE202 FOR PAINT COLOR LEGEND.



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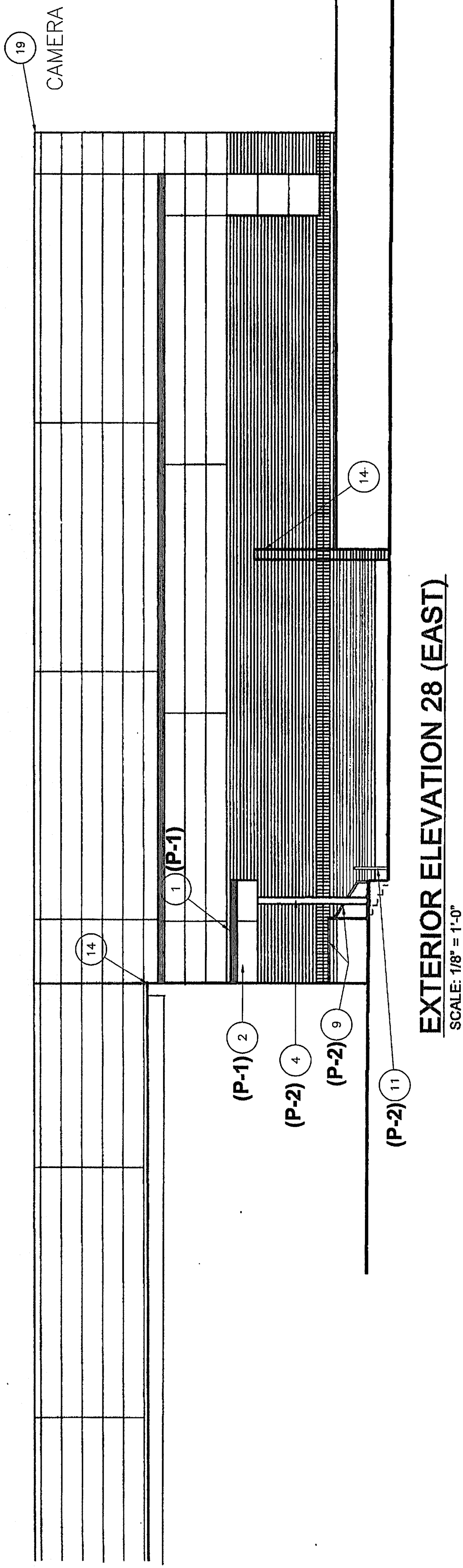
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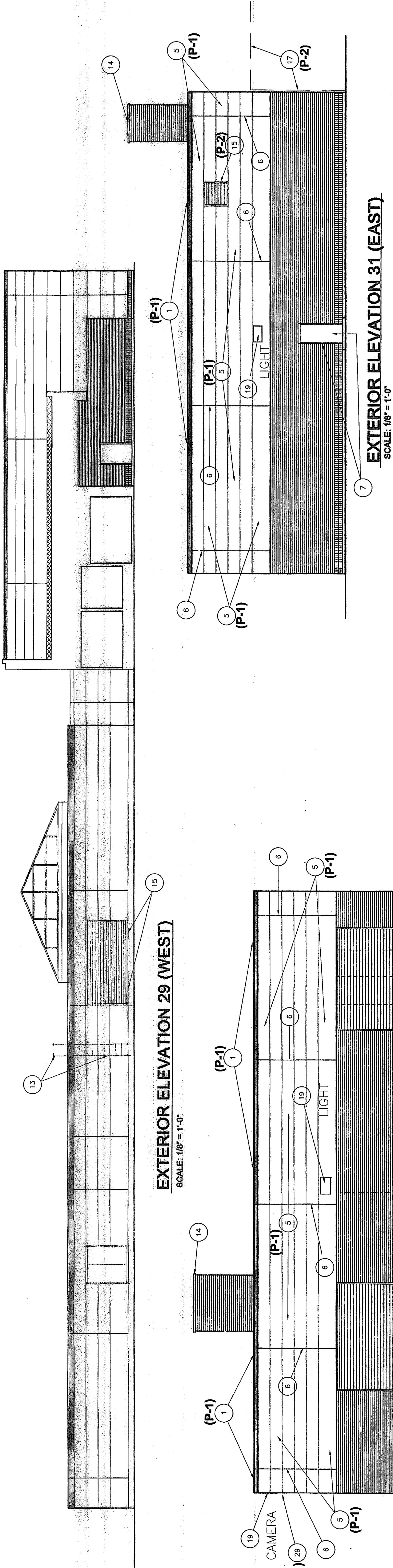
DRAWING
EXTERIOR ELEVATIONS

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CENTRAL HS

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SHEET
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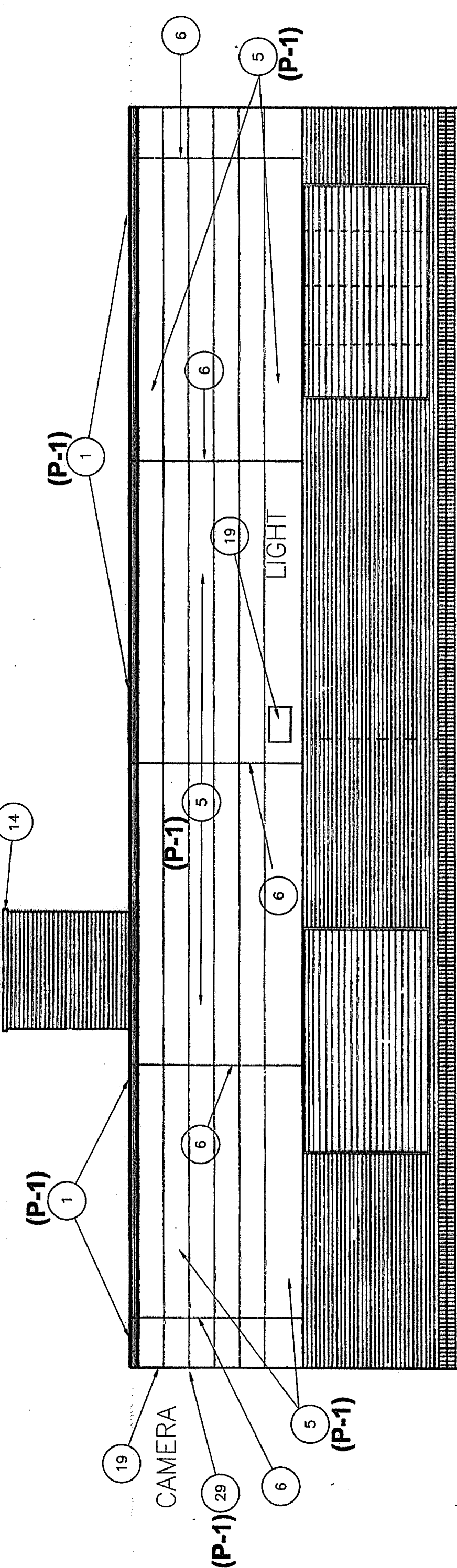


EXTERIOR ELEVATION 28 (EAST)
SCALE: 1/8" = 1'-0"

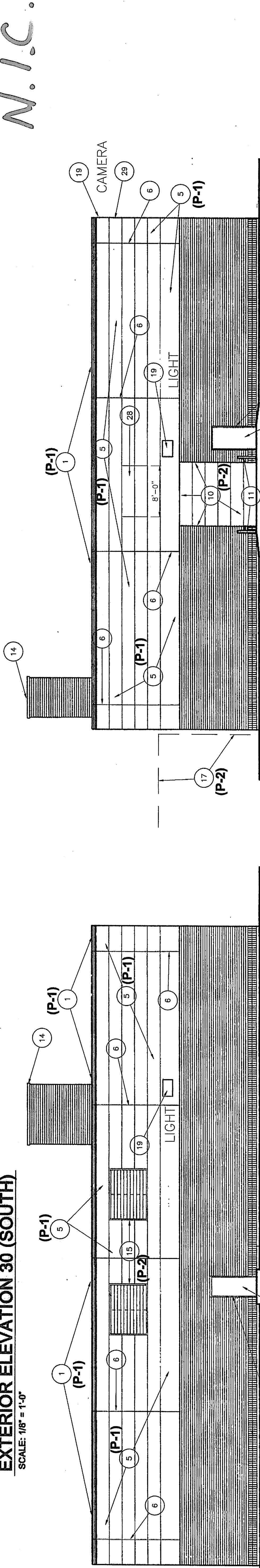


EXTERIOR ELEVATION 31 (EAST)
SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION 29 (WEST)
SCALE: 1/8" = 1'-0"



EXTERIOR ELEVATION 30 (SOUTH)
SCALE: 1/8" = 1'-0"

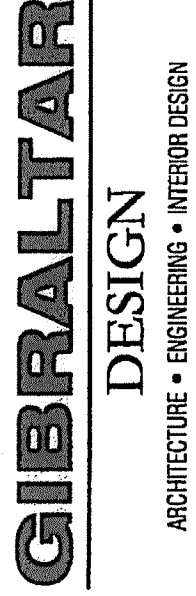


EXTERIOR ELEVATION 32 (NORTH)
SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION 33 (WEST)
SCALE: 1/8" = 1'-0"

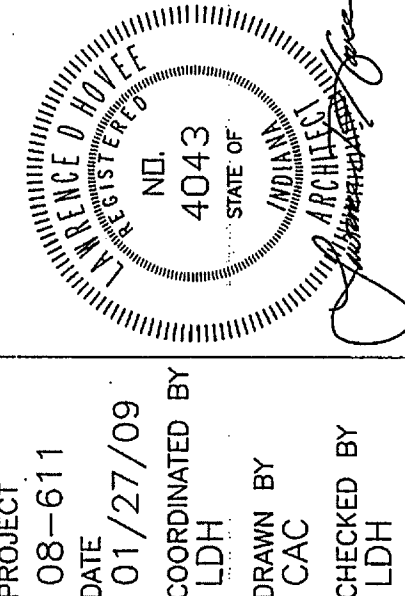
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AND SHEET AE202 FOR LEGEND.

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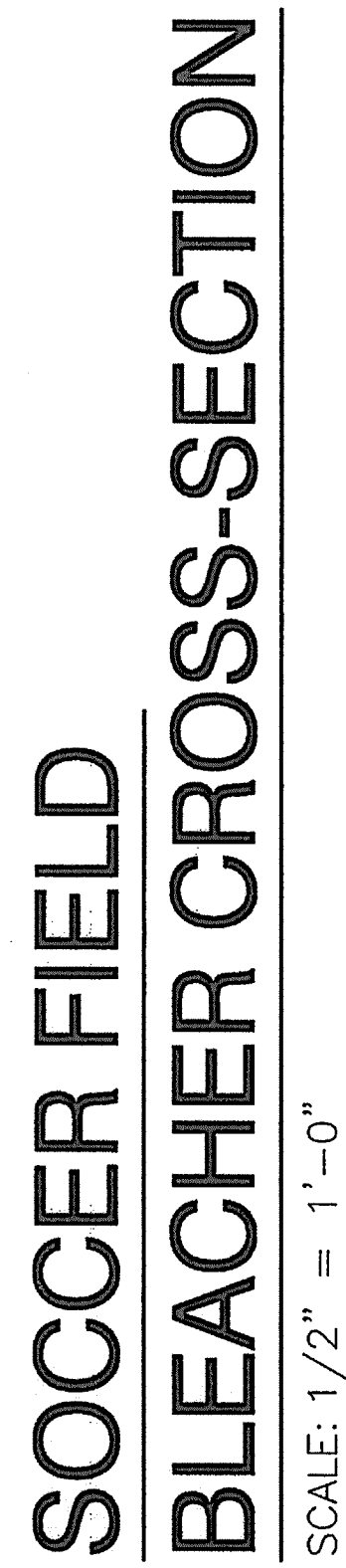


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BASEBALL AND SOCCER
BLEACHER
CROSS-SECTIONS

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 SHEET
 AE301
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NOTE:

1 CROSS-SECTION SHOWN WITH DOUBLE FOOT PLANK, 1X6 PLANK (ROWS 1-5), DBL. 1X6 RISER (ROW 6), & CHAINLINK GUARDRAIL

2 BASIS OF DESIGN IS NATIONAL RECREATION SYSTEMS, INC.



GILLIATTE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS: _____

SPEC. SECTION: _____

AS BUILT

☐ REVIEWED ☐ APPROVED

☐ APPROVED AS NOTED ☐ REJECTED

BY: *[Signature]* DATE: *8/2/10*



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2000 INTERNATIONAL MECHANICAL CODE W/ 2003 INDIANA AMENDMENTS
2000 NATIONAL ELECTRICAL CODE W/ 2005 INDIANA AMENDMENTS
2000 INTERNATIONAL FIRE CODE W/ 2003 INDIANA AMENDMENTS
1998 INDIANA ACCESSIBILITY CODE/CHAPTER 11
1992 INDIANA ENERGY CONSERVATION CODE

50 PSF
100 PSF
B
V-B
4 PERSONS
(EXPOSURE C), 90 MPH
DESIGN CATEGORY C

[illegible][illegible][illegible]

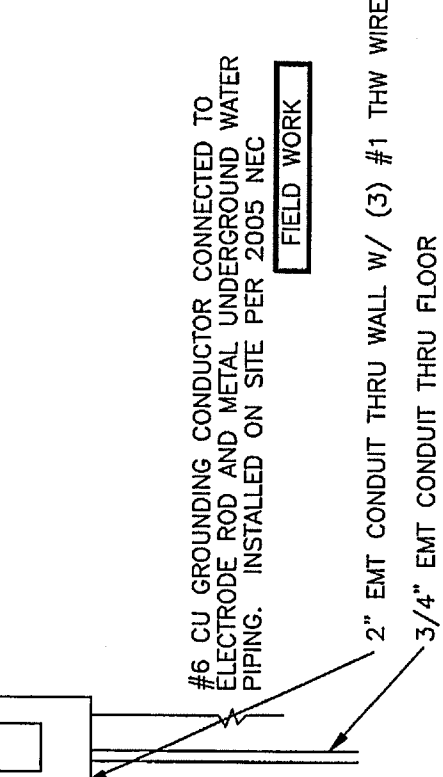
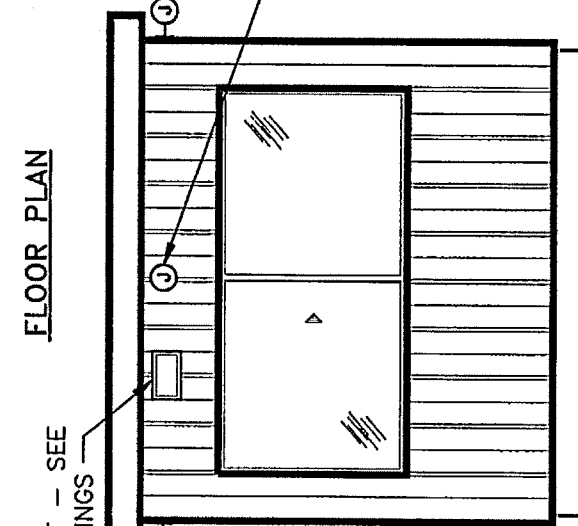
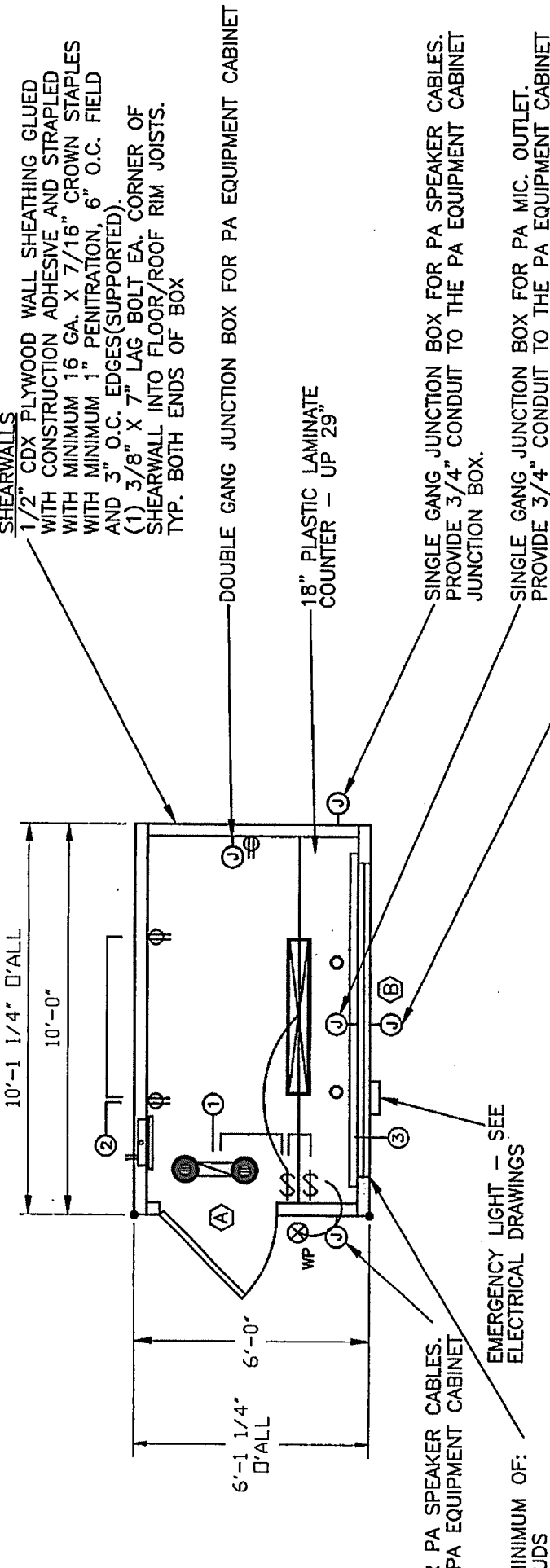
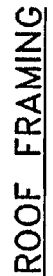
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[illegible]

STUD TO SILE PLATE	(1) END STAPLE	24" O.C.	15 GA. STAPLES	15 GA. STAPLES	166 COMMON	16" O.C. TYPICAL FACE WALL	16" O.C. TYPICAL FACE STAIRS	(3) THIRD BOTTOM PLATE AT EA END OF SHIR WALL	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED BOLT W/ 1/2" FLAT WASHING	3/32"x3/8" CORRUGATED 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36"x30" "CHALLENGE" INSULATED STEEL CLAD DOOR
W/ WOOD JAMBS, WEATHERSTRIPPING, H.D. RETENTION CHAIN
ALUMINUM THRESHOLD, 16" WINDOW AND
LEVER HANDLED LOCKSET
(WINDOW TO BE SAFETY GLASS)
(DOOR COLOR WHITE)
(APA THRESHOLD)



PANEL ELEVATION

SPEC SECTIONS: _____

DATE: SECTION: **AS BUILT**
REVIEWED ☒ APPROVED ☐ RE
APPROVED AS NOTED ☐ RE

LEE COMPANY, INC.
TERRE HAUTE, IN

TERRE HAUTE, IN

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THE

AE302



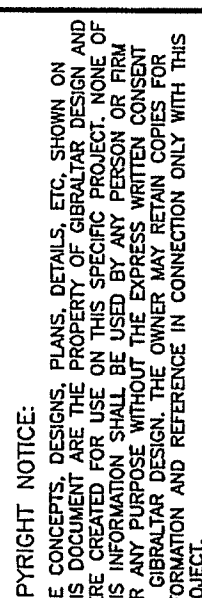
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

[illegible]

DRAWING PLASTIC LAMINATE CASEWORK ELEVATIONS AND SCHEDULE

PROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

BRALTAIR DESIGN

SHEET

A1801

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PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
A	10129	24"	36" X 24" TWO DOOR BASE UNIT
B	10129	27"	36" X 24" TWO DOOR BASE UNIT
C	10129	30"	36" X 24" TWO DOOR BASE UNIT
D	10432	36"	36" X 24" TWO DOOR TWO DOOR BASE UNIT
E	10479	36"	36" X 24" TWO DOOR TWO DOOR BASE UNIT
—JUSTE TLX-2249-A CR TRIPLE COMPARTMENT SINK —JUSTE TLX-2249-B CR TRIPLE COMPARTMENT SINK —INSINK-TENOR GARAGE DISPOSER (STAINLESS STEEL) LOOK COVER/BATCH FEED, ALTERNATE REVERSING SWITCH, MODEL 17 H.P. SPLIT PHASE MOTOR, CORROSIONS PROTECTION SHIELD, WITH 3/4"			
F	15129	30"	18" X 12" TWO DOOR WALL UNIT
G	15129	27"	30" X 12" TWO DOOR WALL UNIT
H	15129	36"	30" X 12" TWO DOOR WALL UNIT
J	15121	24"	30" X 12" ONE DOOR WALL UNIT — LEFT HAND

GENERAL NOTES

GENERAL NOTES

1. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. AND OTHER CABINET MANUFACTURERS ONLY. SEE SPECIFICATIONS FOR OTHER CABINET REQUIREMENTS ONLY. 1.
2. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE A COMPLETE CABINET. 2.
3. WHERE CASPOWR REQUIRES SHADING, ONLY APPROVED MATERIAL SHALL BE USED. 3.
4. WHERE CASPOWR REQUIRES SHADING, ONLY APPROVED MATERIAL SHALL BE USED. 4.
5. ALL BACKPLATES AND ENDOPLATES SHALL BE HUNG BY OTHER MEANS (NOTED). 5.
6. VERIFY ALL CASPOWR DIMENSIONS SHALL BE HUNG BY OTHER MANUFACTURER. 6.
7. VERIFY ALL CASPOWR DIMENSIONS SHALL BE HUNG BY OTHER MANUFACTURER. 7.
8. CABINETS ADAPTED TO THE SPACES. 8.
9. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS 9.
10. REFER TO SPECIFICATION SECTION 00001 FOR FINISHES. 10.
11. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS 11.
12. ALL ADJOINING CABINETS SHALL BE ALIGNED. 12.
13. ALL CABINETS TO HAVE LOCKS, LOCK ALIVE PER ROOM. 13.

KEY NOTES

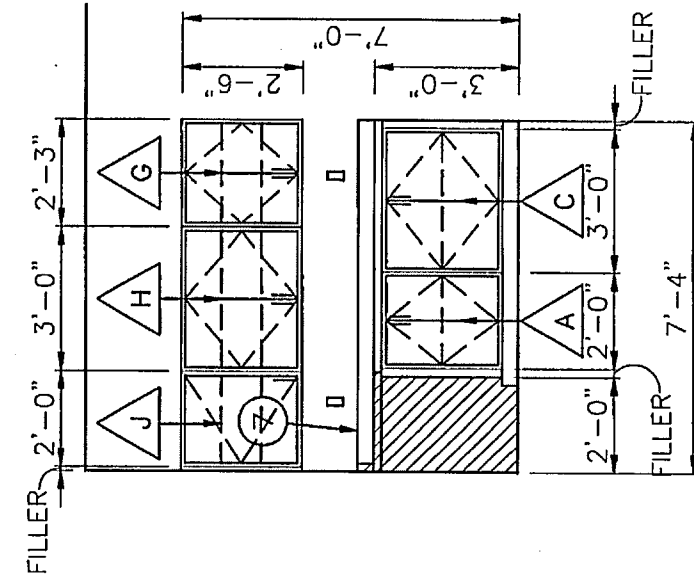
KEY NOTES

SEE ELEVATION 3/A1801 FOR TYPICAL KEYNOTES UNLESS OTHERWISE NOTED.

- 1 LINE OF FINISHED FLOOR
- 2 WALL LINE
- 3 CEILING LINE
- 4 4" TOE SPACE
- 5 TICKET WINDOW
- 6 24" STANDARD STEEL COUNTERTOP
- 7 25" PLASTIC LAMINATE COUNTERTOP WITH
BACK AND OR ENGLISH AS REQUIRED
- 8 SUPPORT LEG/BRACKET
- 9 ELECTRICAL DEVICE BY DIVISION 16
- 10 ROLL UP METAL DOOR
- 11 4 1/4" X 24" DRAWER WITH LOCK

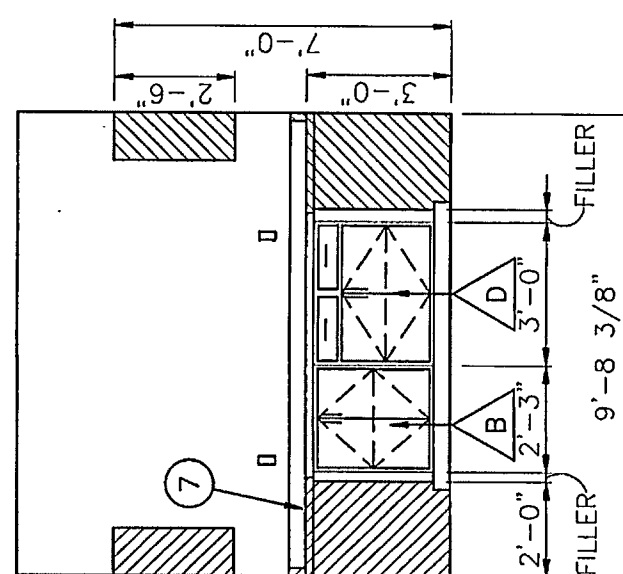
ELEVATION

SCALE: 1/4"=1'-0"



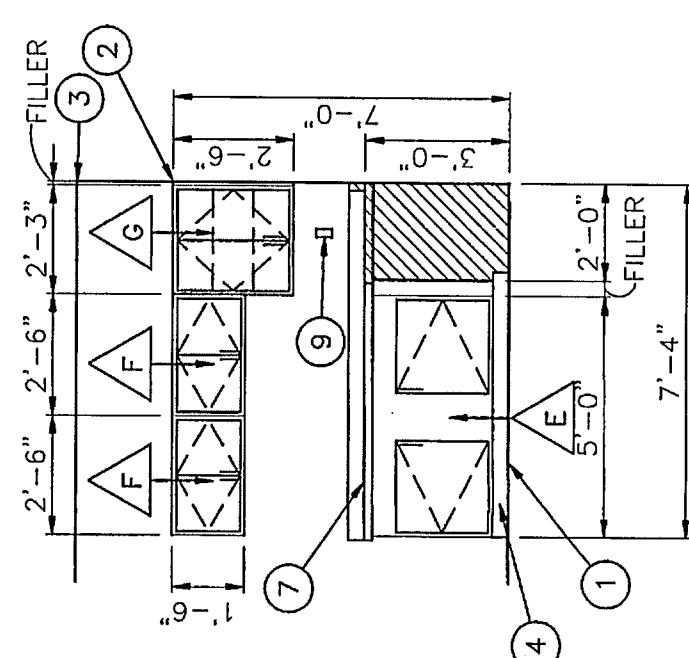
ELEVATION

SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS AA-102
OPPOSITE HAND: CONCESSIONS BB-102



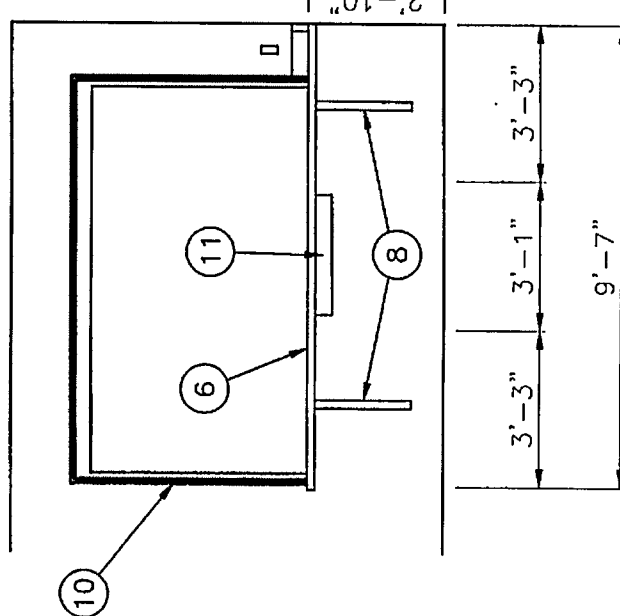
ELEVATION

SCALE: 1/4"=1'-0"
ROOM: CONCESSIONS AA-102
OPPOSITE HAND: CONCESSIONS BB-102



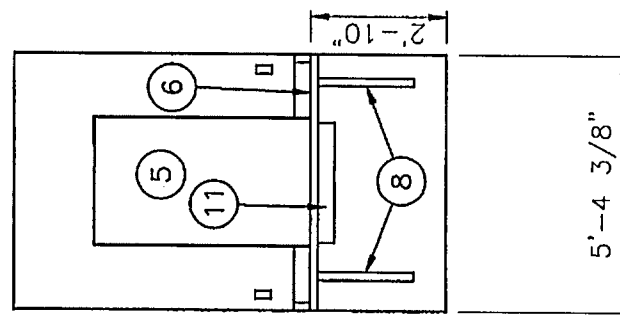
ELEVATION

SCALE: 1/4"=1'-0"



EVALUATION

SCALE: 1/4" = 1'-0"
ROOM: TICKETS AA-101 AND BB-101



GILLIATTE GENERAL CONTRACTORS, INC.
DOCUMENT REVIEW STATUS:

SPEC. SECTION:

REVIEWED ☐ APPROVED ☐ REJECTED ☐

BY Frank DATE 6/16/10



PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK

LAWRENCE CENTRAL HIGH SCHOOL
MSD LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

SUBMITTAL FOR APPROVAL	
☐ DISAPPROVED	☐ APPROVED
☐ REVIEWED FOR INFORMATION	☐ APPROVED AS CORRECTED
☐ REQUESTED FILE COPY	☐ APPROVED AS CORRECTED
This submittal has been checked for size quantity and coordination and has been approved by S&S MECHANICAL.	
is the completion of this plan set.	
CHECKED & RECOMMENDED	
FOR APPROVAL BY <i>Project Record Manager</i>	
DATE	

GILLIANTTE GENERAL CONTRACTORS, INC.
 DOCUMENT REVIEW STATUS:
 SPEC. SECTION:
☐ REVIEWED ☐ APPROVED
☒ APPROVED AS NOTED ☐ REJECTED
 DATE 11/11/00

[illegible]

RAWING UNIT 'AA' AND 'BB' PLUMBING PLANS

PROJECT SITE IMPROVEMENTS TO LAWRENCE CENTRAL HS

P-101
SHEET

GENERAL NOTES:

1. SEE SHEET P-001 FOR GENERAL PLUMBING NOTES, LEGEND, SCHEDULES AND DETAILS.
2. PIPING SHOWN BUT NOT NOTED IS EXISTING AND SHALL REMAIN IN SERVICE.
3. ALL HORIZONTAL WATER PIPING BRANCHES SHALL BE SLOPED TO VERTICAL DROPS FOR DRAINING AT HOWE BIBBS. HOWE BIBBS PROVIDE FOR BOTH HOT AND COLD WATER DRAIN DOWN. VERTICAL RISERS NOT TO BE DRAINED AT HOWE BIBBS LOCATIONS SHALL HAVE DRAIN DOWNS AT THE LOWEST POINT FOR DRAINING. ALL DRAIN DOWNS MUST BE INSTALLED WITH ANTI-FREEZE TRAPS WITH ANTI FREEZE. WATER HEATER MUST BE COMPLETELY DRAINED MANUALLY.

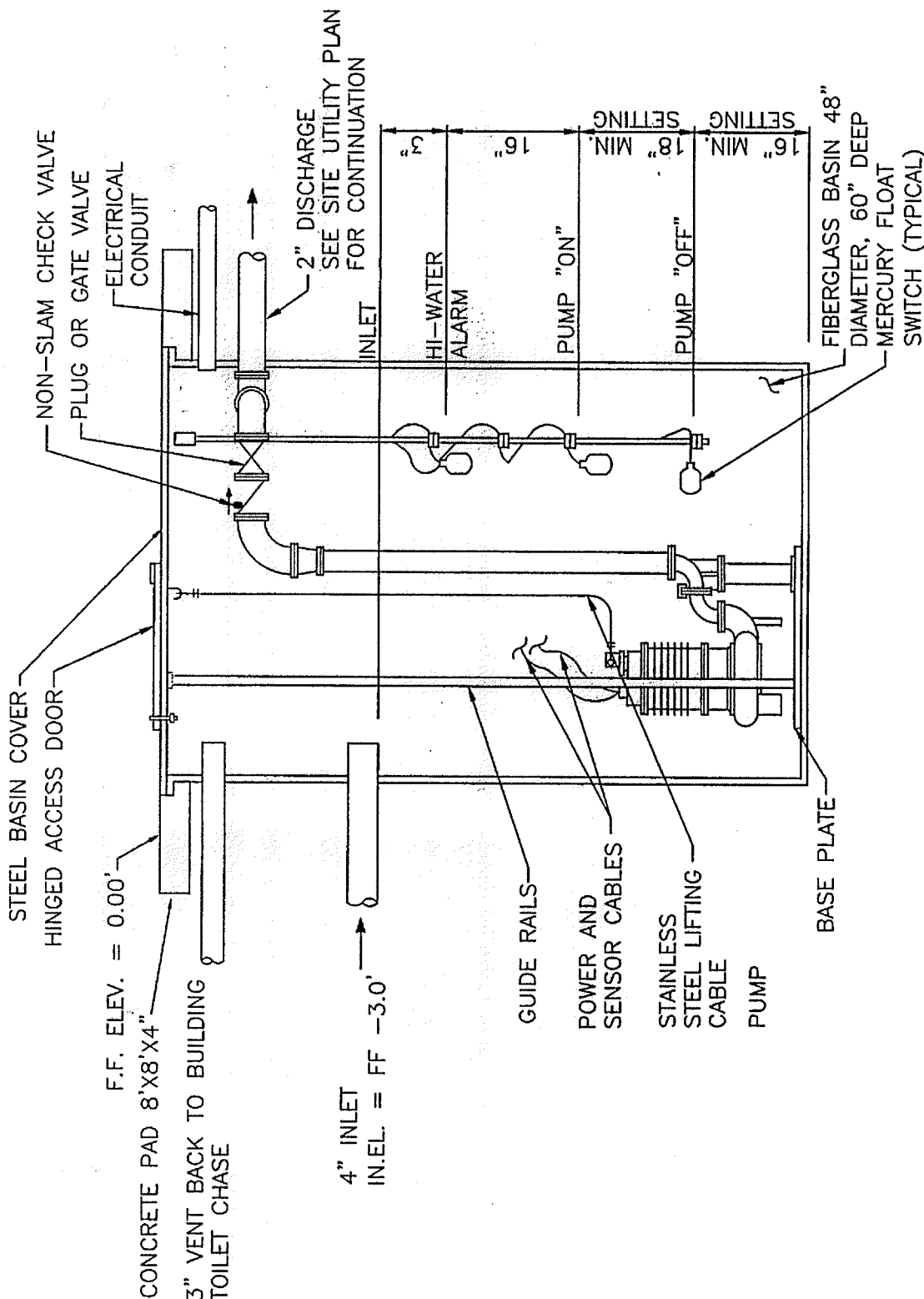
PLAN NOTES:

- 1 2" W UP TO SERVE DRINKING FOUNTAIN.
- 2 2" W UP TO SERVE MOP SINK, 2" V UP IN WALL.
- 3 2" W UP IN CHASE TO SERVE TOILET CLOSETS AND URINAL.
- 4 2" W UP TO SERVE FLOOR DRAIN.
- 5 3" W UP TO SERVE LAVATORY AND 3 COMPARTMENT SINK.
- 6 2" W UP TO SERVE LAVATORY.
- 7 3" W UP TO SERVE FLOOR DRAIN (AT BACKFLOW PREVENTER).
- 8 2" DOMESTIC WATER UP TO BUILDING.
- 9 3/4" CW, 3/4" W, 2" V DOWN IN WALL CONNECT 1/2" CW, 1/2" W, 1/2" W, 1/2" W TO EACH LAVATORY AND 3 COMPARTMENT SINK. TOILET, URINAL, INSTALLATION AND CONNECTION BY PLUMBING CONTRACTOR.
- 10 1/2" CW, 1/2" W, 1" 1/2" V DOWN. CONNECT 1/2" CW, 1" 1/2" V, 1" 1/2" W TO DRINKING FOUNTAIN.
- 11 2" CW DOWN IN CHASE, RUN 2" CW FULL SIZE AS HEADER TO SERVER SINK. CONNECT 3/4" CW, 2" W TO URINAL. PROVIDE WATER HAMMER ARRESTOR AT END OF HEADER. PROVIDE HOSE BIBB AT LOWEST POINT OF DROP.
- 12 2" CW, 2" W, 1/2" W, 1" 1/2" V DOWN. CONNECT 1/2" CW, 1/2" W, 1/2" W, 1" 1/2" V DOWN TO LAVATORY. CONNECT HOSE BIBBS AT LOWEST POINT OF DROP FOR WINTER DRAIN DOWN.
- 13 1/2" CW, 1/2" W, 1" 1/2" V DOWN TO LAVATORY. CONNECT HOSE BIBBS AT LOWEST POINT OF DROP FOR WINTER DRAIN DOWN.
- 14 1" CW DOWN TO WATER HEATER. 1" W FROM WATER HEATER TO MINOR VALVE. 1" W FROM MIXING VALVE TO BUILDING FIXTURES.
- 15 3" V DOWN FROM SEWAGE EJECTOR PIT UP. CONNECT TO 4" VTR BEFORE PENETRATING ROOF.
- 16 1" 1/2" CW DOWN IN WALL. ROUTE 1/2" CW, 1/2" W FROM DROPS TO 3 COMPARTMENT SINK TO HAND WASHING SINK. SLOPE ALL WATER SUPPLY PIPING BACK TO WALL HYDRANT / HOSE BIBBS.

WINTER DRAIN DOWN SEQUENCE

USE THE FOLLOWING PROCEDURE FOR WINTER DRAIN DOWN. BLOW DOWN WILL NOT BE REQUIRED WITH THIS DESIGN AS ALL WATER PIPING BRANCHES SHALL BE SLOPED TO DROPS WHERE HOT AND COLD WATER HOSE BIBBS ALLOW FOR DRAINING TO BUILDING EXTERIOR AND DRAIN VALVES SHALL BE PLACED AT ALL VERTICAL DROPS AS SHOWN IN INTERIOR.

1. SHUT WATER OFF AT MAIN VALVE UPSTREAM OF WATER METER.
2. OPEN ALL HOT AND COLD WATER VALVES AT EXTERIOR BIBB LOCATIONS.
3. OPEN ALL VENT VALVES IN WATER MAINS ABOVE WATER HEATER.
4. OPEN DRAIN VALVE AT BACKFLOW PREVENTER.
5. OPEN DRAIN VALVE AT DRAIN FOR IRRIGATION WATER SUPPLY (SOCCER FIELD ONLY)
6. OPEN WATER HEATER DRAIN VALVE AND ALLOW TO DRAIN COMPLETELY.
7. OPEN ALL DRAIN VALVES ON OVER WINTER SO RESIDUAL WATER AND CONDENSATION LEAVE ALL DRAINS. ALL WATER SUPPLY PIPING SHALL BE SLOPED TO EXTERIOR HOSE BIBBS.
8. OPEN WATER HEATER DRAIN VALVE AND ALLOW TO DRAIN COMPLETELY.
9. REVERSE PROCEDURE FOR SPRING START UP.



SEWAGE EJECTOR DETAIL

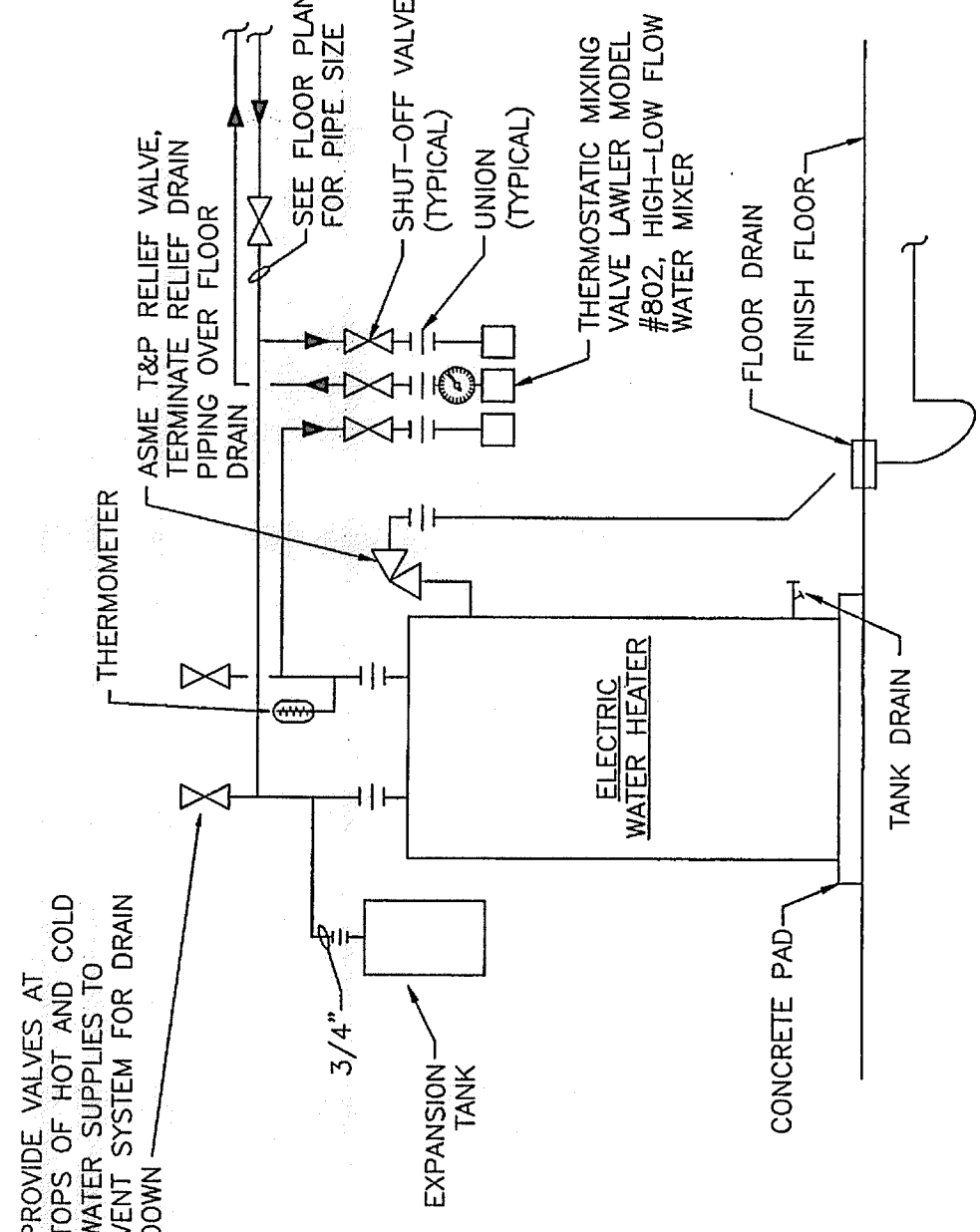
NOT TO SCALE

PLUMBING EQUIPMENT SCHEDULE

UNIT SEWAGE EJECTOR PUMP: SHALL BE EQUAL TO WEIL MCCLAIN MODEL 2427F WITH 2613 RAIL REMOVAL SYSTEM. CAPACITY 45 GPM @ 22 HEAD. DUPLEX PUMP ARRANGEMENT, WITH 48" DIAMETER X 8'-4" DEEP SUMP BASIN WITH STEEL LINING, CONTROL PANEL WITH ALTERNATING LEAD/LAG PUMP CONTROLS. ELECTRICAL DATA: 2 HP, 208 VOLT, 3 PHASE, 1750 RPM.

Wheel P-101

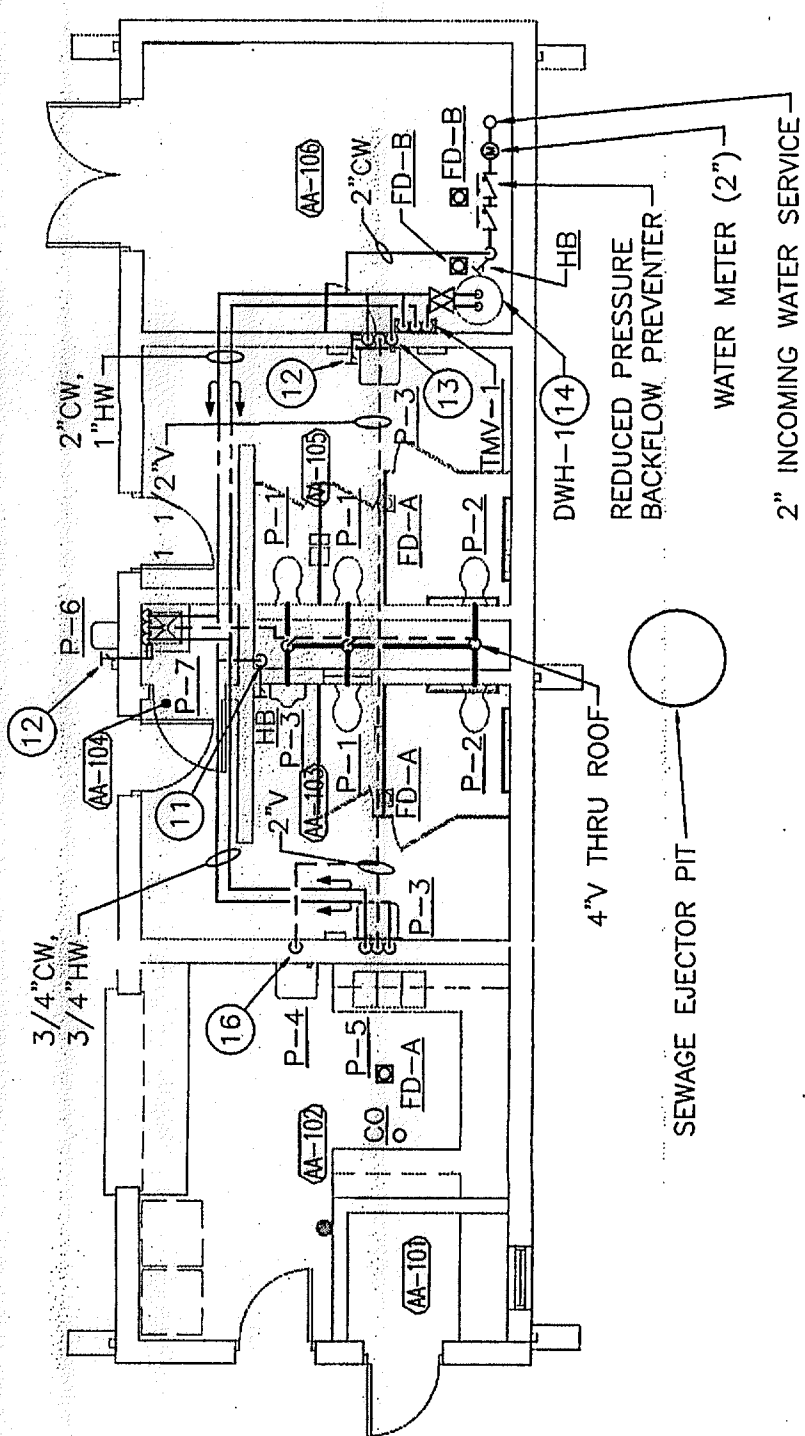
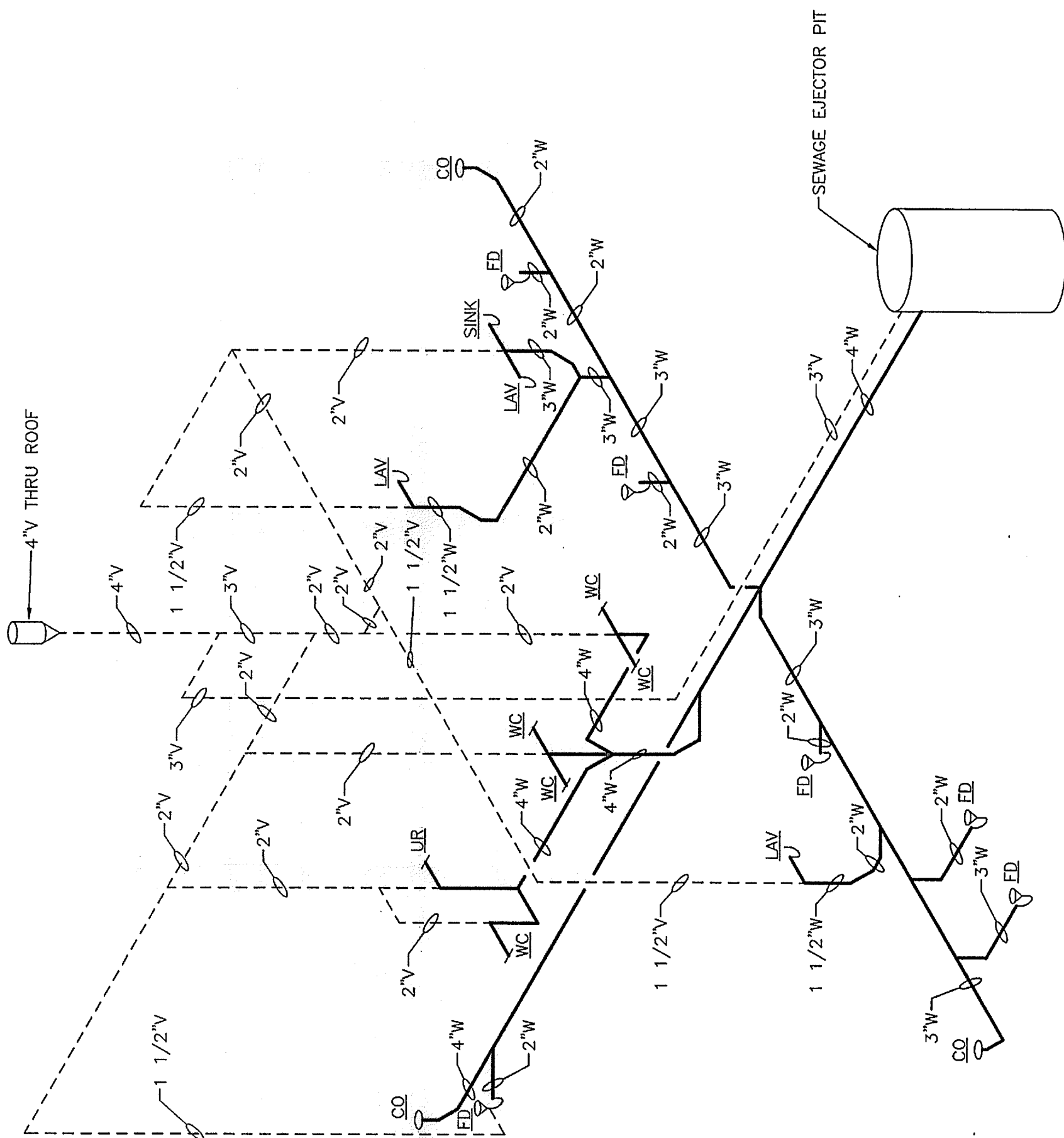
A. Sewage ejector pit shall be 8'-0" deep X 48" in diameter. Delete references on Detail to 60" deep and 8'-4" deep.



ELECTRIC WATER HEATER PIPING DI

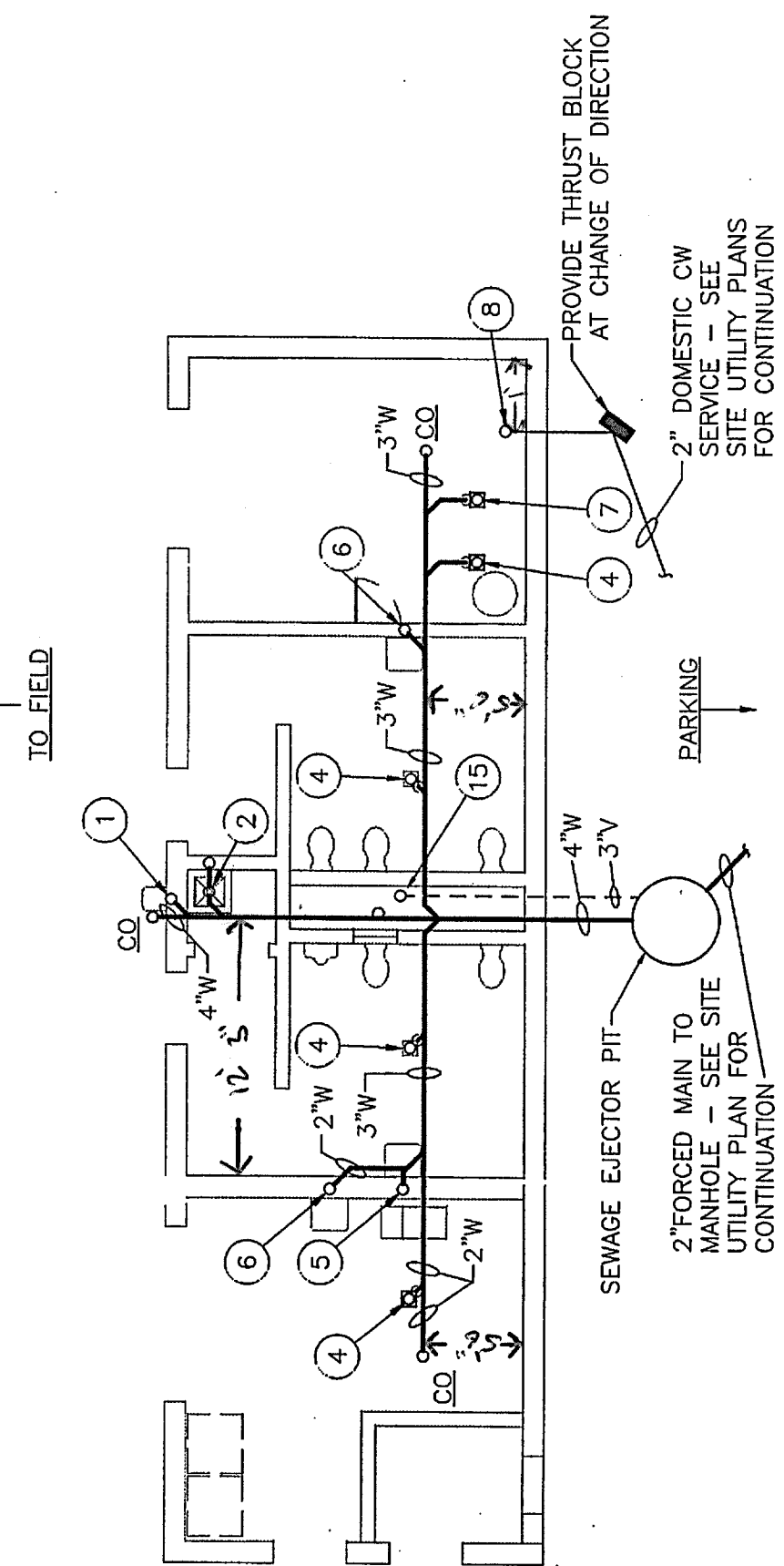
NOT TO SCALE

BUILDING WATER HEATERS: SHALL BE AO SMITH MODEL DEL-40 ELECTRIC WATER HEATERS. 40 GALLON CAPACITY, 41 GPH AT 100° RISE. TWO 5KW ELEMENTS, VOLTAGE 480/3ø.



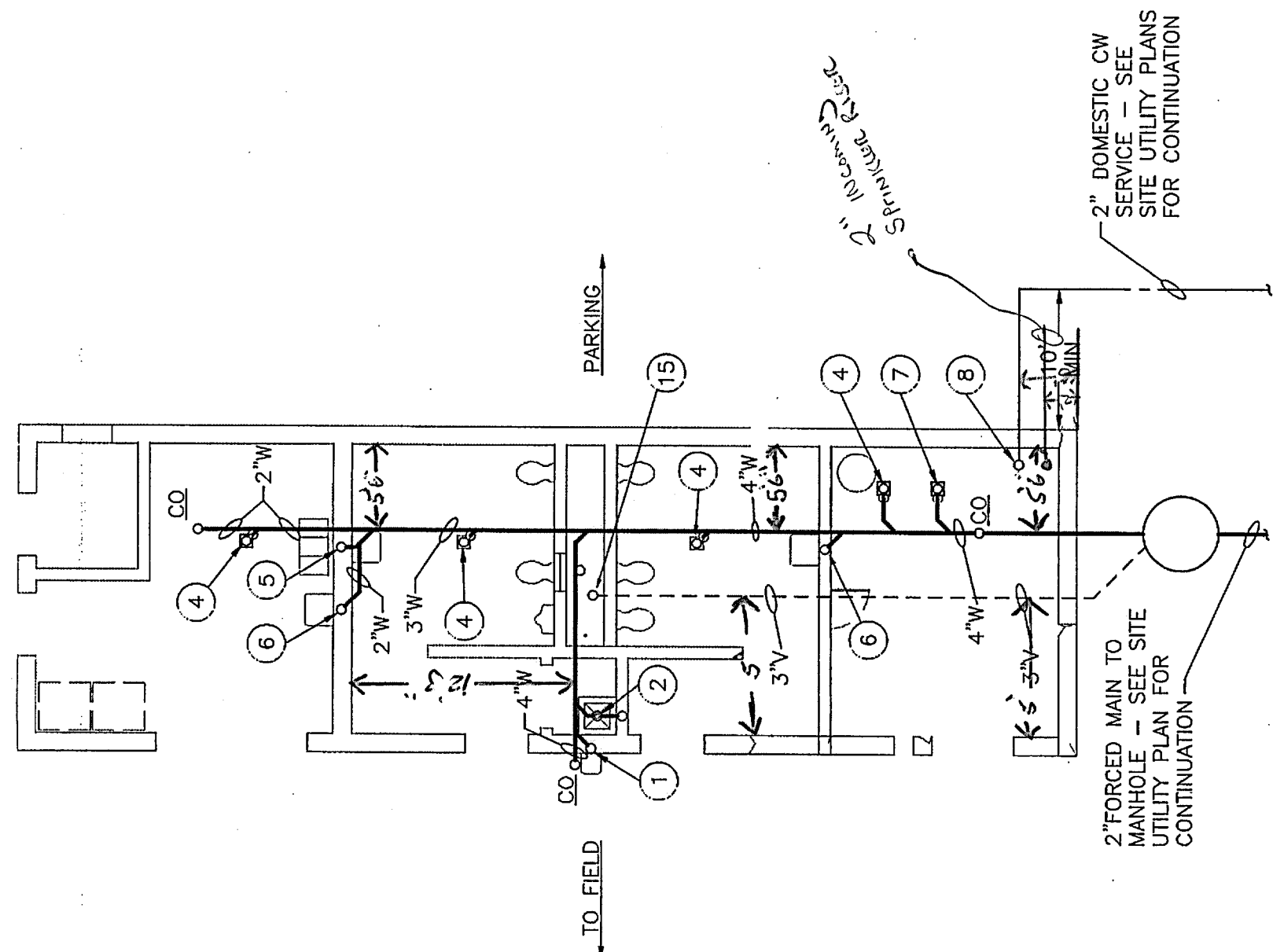
UNIT 'AA' BASEBALL CONCESSION BUILDING PLUMBING FLOOR PLAN

SCALE 1/8" = 1'-0"



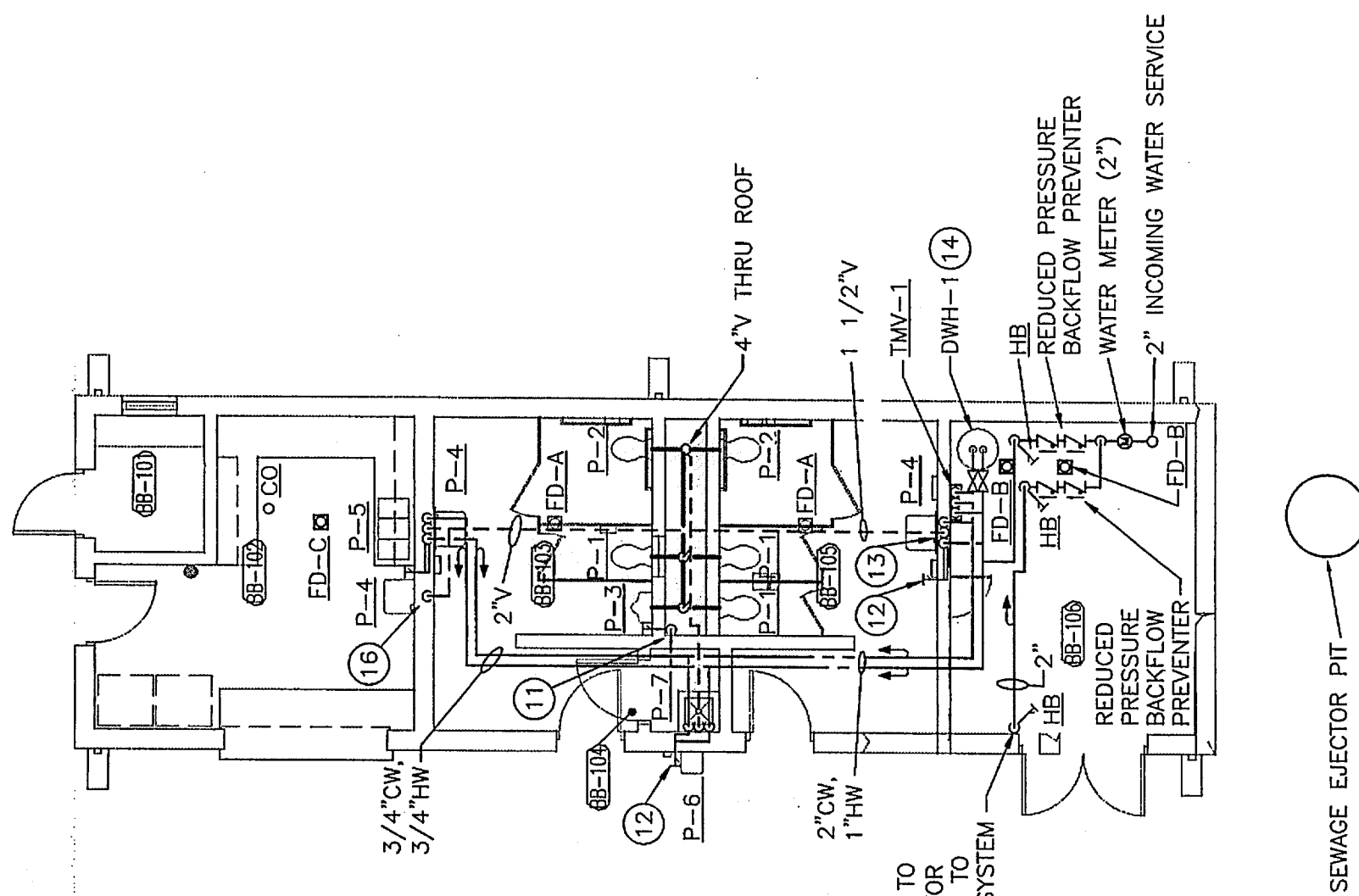
UNIT 'AA' BASEBALL CONCESSION
BUILDING PLUMBING FOUNDATION PLAN

SCALE 1/8" = 1'-0"



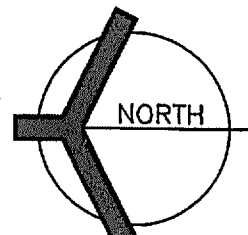
UNIT 'BB' SOCCER CONCESSION
BUILDING PLUMBING FOUNDATION PLAN

SCALE 1/8" = 1'-0"



UNIT 'BB' SOCCER CONCESSION
BUILDING PLUMBING FLOOR PLAN

SCALE 1/8" = 1'-0"



ROOM SCHEDULE	
NO	DESCRIPTION
AA-101	TICKETS
AA-102	CONCESSIONS
AA-103	MEN
AA-104	CUSTODIAN
AA-105	WOMEN
AA-106	STORAGE
BB-101	TICKETS
BB-102	CONCESSIONS
BB-103	MEN
BB-104	CUSTODIAN
BB-105	WOMEN
BB-106	STORAGE
CC-101	BAND STORAGE

GIBALTAR
DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
SITE
IMPROVEMENTS
TO LAWRENCE
CENTRAL HIGH
SCHOOL
AND
RELATED
WORK
LAWRENCE CENTRAL HIGH SCHOOL
MSD, LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

PROJECT RECORD DRAWINGS

1 REVISION DATE 1: 1-20-10
2 REVISION DATE 2: 9-13-10

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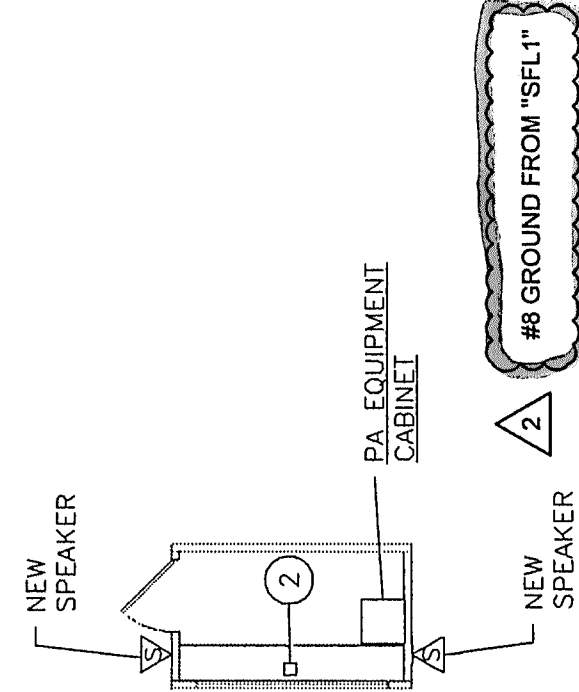
[illegible]DRAWING
ELECTRICAL PLANSPROJECT
SITE IMPROVEMENTS TO LAWRENCE
CENTRAL HS

GIBRALTAR DESIGN
 SHEET
 E-101
 --

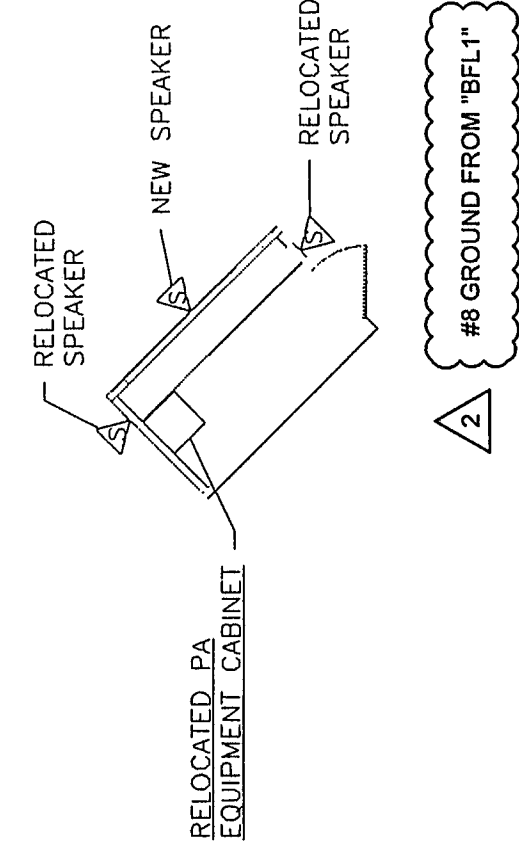
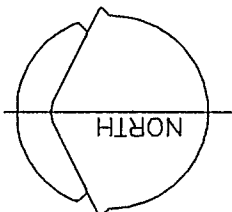
PLAN NOTES:

1. (THESE NOTES APPLY TO THIS SHEET ONLY)
INSTALL DUPLEX RECEPTACLE FOR THE OVERHEAD DISPOSAL IN THE CABINET BELOW THE SINK
2. ANNOUNCER PANEL SEE SPECIFICATION SECTION 18768 PROVIDE 120VAC 15 AMP 1-PHASE 3-POLE 4-0 GROUNDING CONDUIT AND MARK THE OUTLET BOX LOCATED ON THE SOUTH WALL. IT WILL BE PROVIDED BY PRESS BOX MANUFACTURER
3. CONNECT TO TROUBLESHOOT (TSP #2107) INSTALL PHOTOCELL AT 48"-0" FROM THE BOTTOM OF THE PANEL
4. SEE SPECIFICATIONS SECTION 18420 FOR METER CABINET REQUIREMENTS CONNECT TO TROUBLESHOOT (TSP #2107) AND RELAY RSP-1
5. INSTALL OVERHEAD DOOR CONTROLS AND WIRING PROVIDED BY OVERHEAD DOOR MANUFACTURER
6. PROVIDE CEILING MOUNTED RECEPTACLE FOR OVERHEAD DOOR EXACT LOCATION WITH OVERHEAD DOOR MANUFACTURER
7. FOR FUTURE TELECOMMUNICATIONS PROVIDE TWO 4" CONDUITS ADJACENT TO THE OVERHEAD DOOR. ONE FOR THE RELAY RSP-1 AND THE OTHER FOR CONDUITS OF OFF AND OUT 15-0" FROM THE BUILDING CAP AND MARK THE CONDUITS FOR FUTURE TELECOMMUNICATIONS
8. INSTALL DUPLEX RECEPTACLE ON PLWOOD BACKBOARD
9. SPH1-5 TO COILS OF RELAYS RSP-51 THROUGH RSP-54.
10. SPH1-6 TO COIL OF RELAY RSP-2

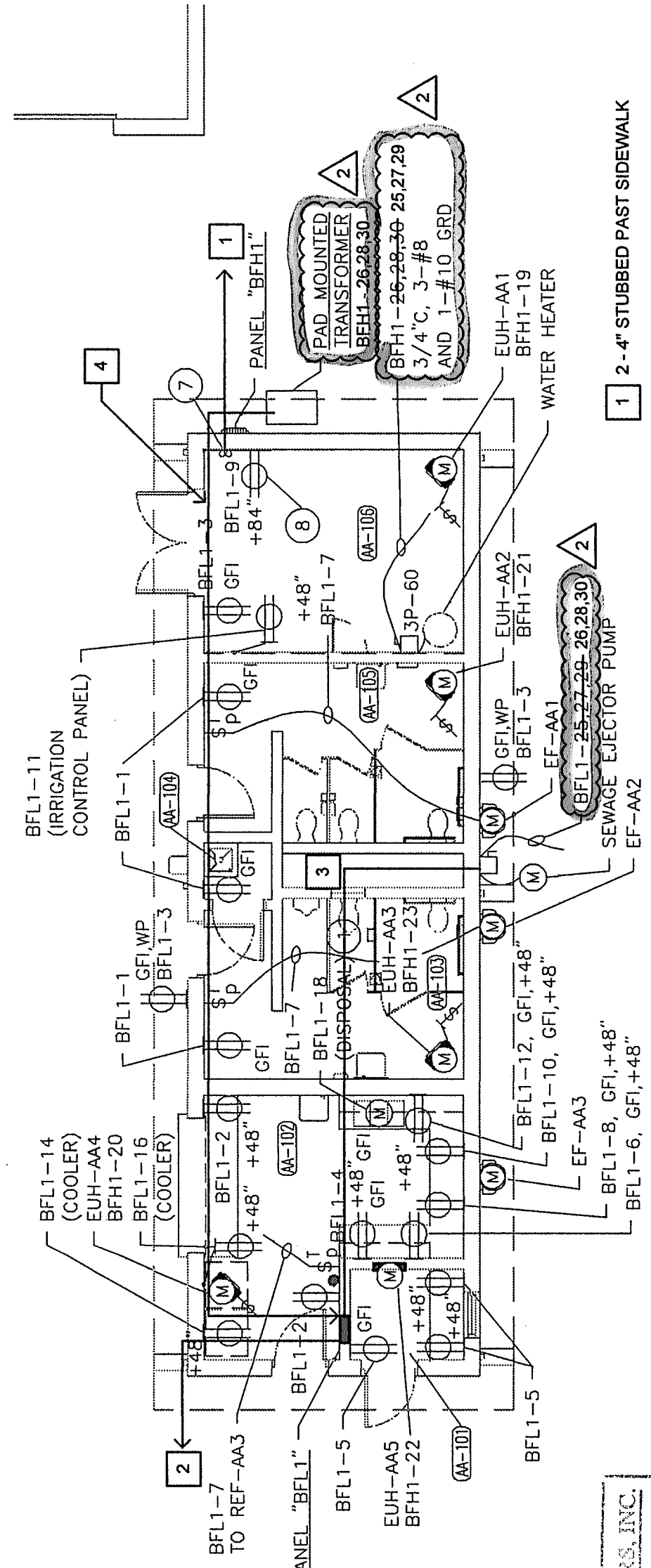
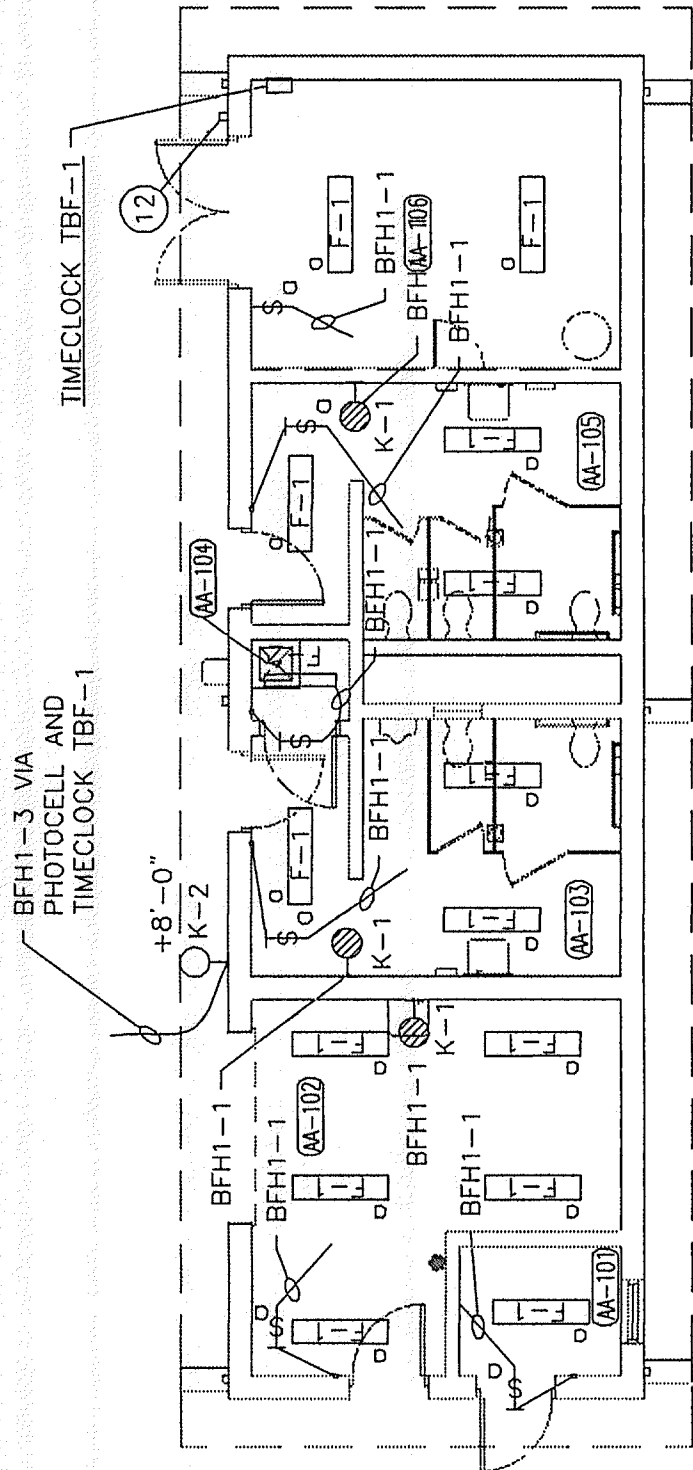
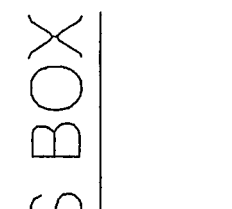
- 11 SEE SOCCER FIELD LIGHTING CONTROL STATION DETAIL ON SHEET E-601
- 12 PHOTOCELL CONTROL (TYP #2107) INSTALL PHOTOCELL AT +8'-0" CONNECT TO TIMECLOCK (TBF#1)
- 13 PHOTOCELL CONTROL (TYP #2107) INSTALL PHOTOCELL AT +8'-0" CONNECT TO TIMECLOCK (TBF#1)
- 14 PROVIDE 3P-30 AMP NON-REVERSIBLE DISCONNECT SWITCH INSIDE TOWER. DISCONNECT SWITCH TO BE CONTROLLED BY "TL1" CONNECT CIRCUITS THROUGH THE DISCONNECT SWITCH. - GROUND COMES FROM "TL1"



SOCCER FIELD PRESS BOX
ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"



BASEBALL FIELD PRESS BOX
ELECTRICAL PLAN
SCALE 1/8" = 1'-0"



GILLHAITE GENERAL CONTRACTORS, INC.

DOCUMENT REVIEW STATUS:

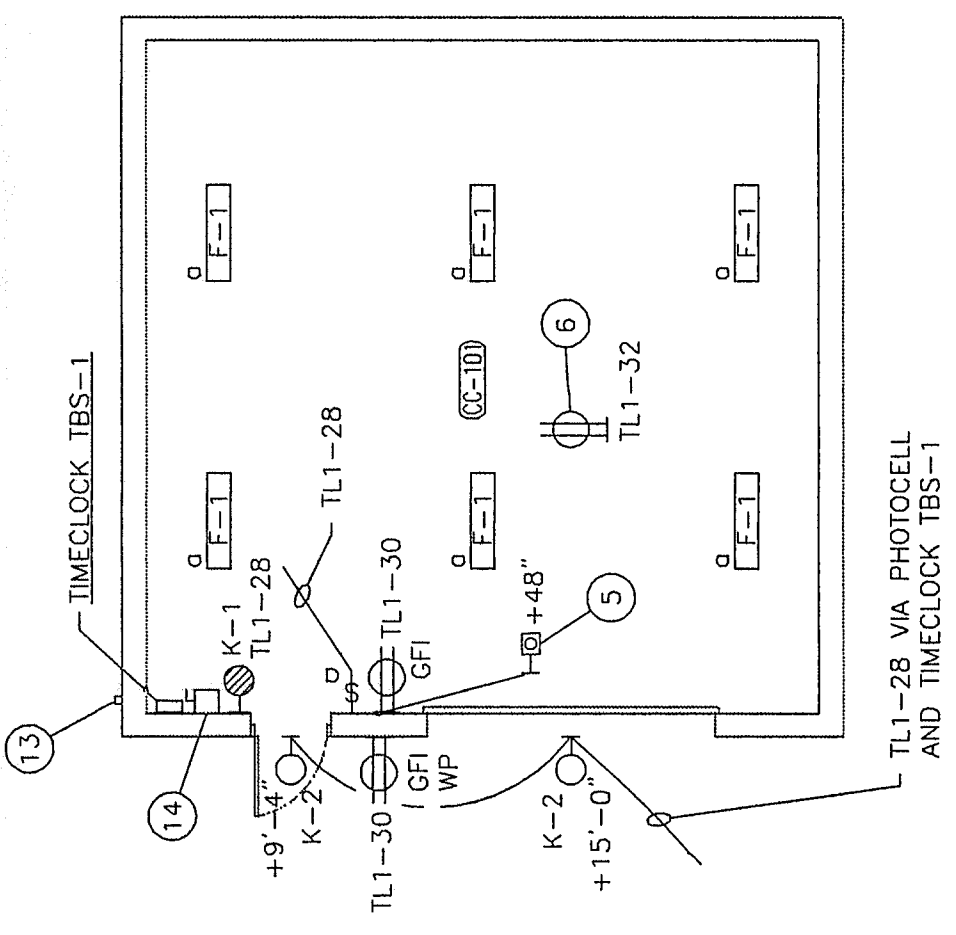
SPEC. SECTION: **ASBUILT**

☐ REVIEWED ☐ APPROVED

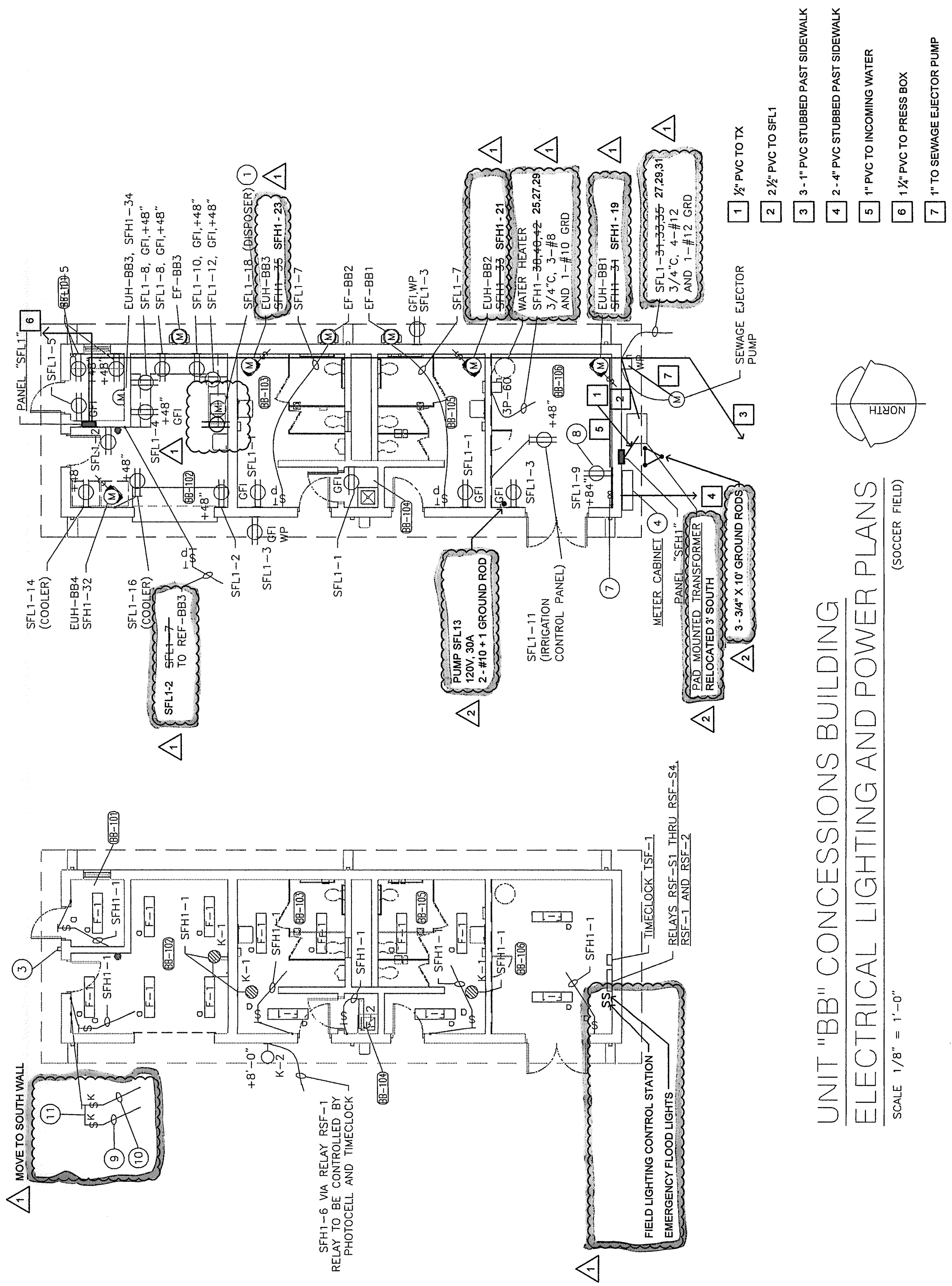
☐ APPROVED AS NOTED ☐ REJECTED

BY: *D. Carter* DATE: *12/27/01*

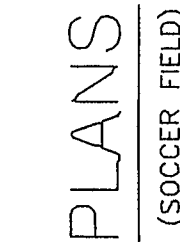
UNIT "AA" CONCESSIONS BUILDING
ELECTRICAL LIGHTING AND POWER PLANS
SCALE 1/8" = 1'-0"
(BASEBALL FIELD)



UNIT "CC" CONCESSIONS BUILDING ELECTRICAL PLAN
SCALE 1/8" = 1'-0"
(BAND STORAGE BUILDING)



UNIT "BB" CONCESSIONS BUILDING
ELECTRICAL LIGHTING AND POWER PLANS
SCALE: 1/8" = 1'-0"
(SOCCER FIELD)



PROJECT
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LAWRENCE CENTRAL HIGH SCHOOL
AND LAWRENCE TOWNSHIP
INDIANAPOLIS, INDIANA

PROJECT RECORD DRAWINGS

1 REVISION DATE 1: 1-20-10

2 REVISION DATE 2: 9-13-10

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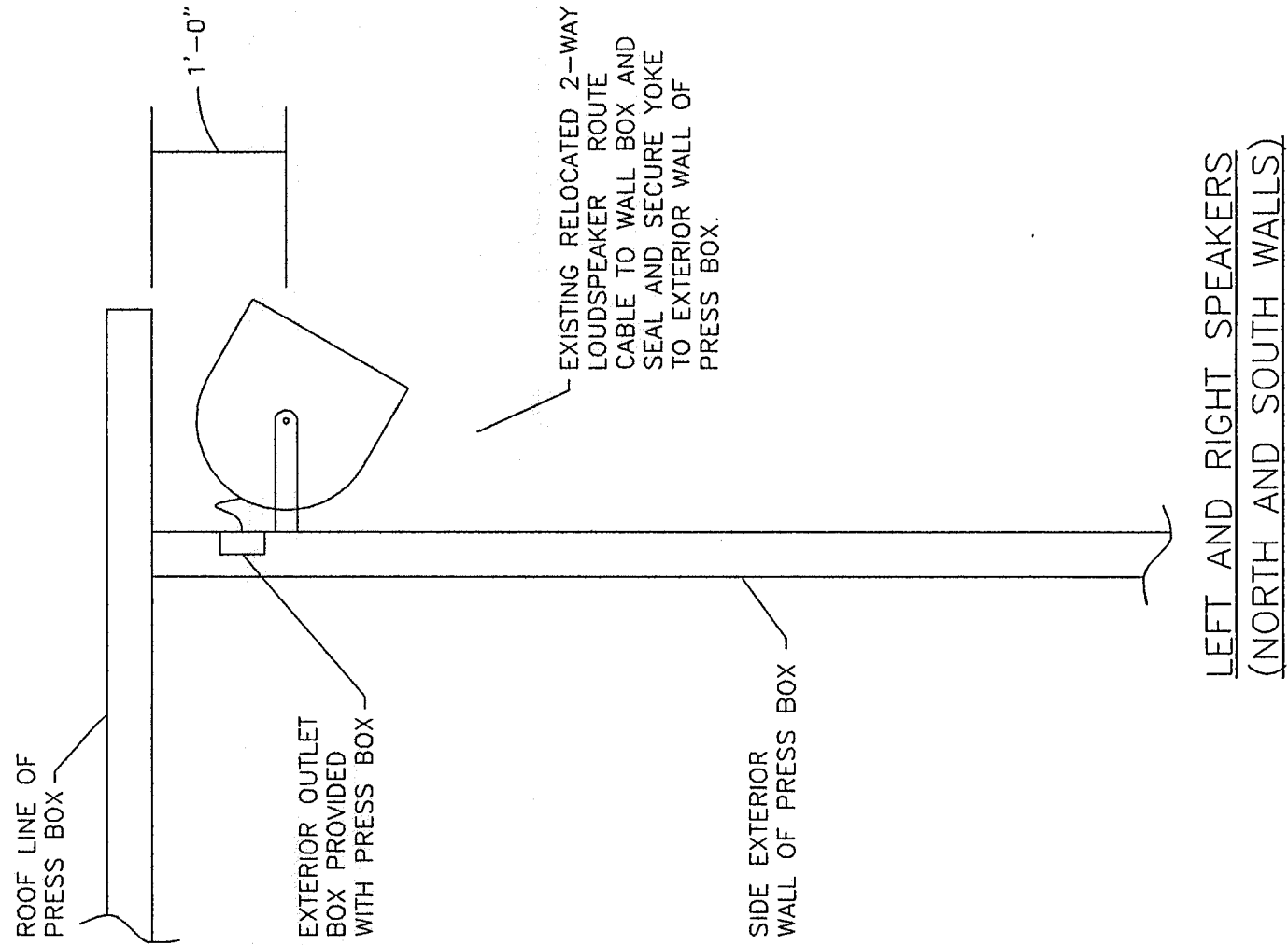
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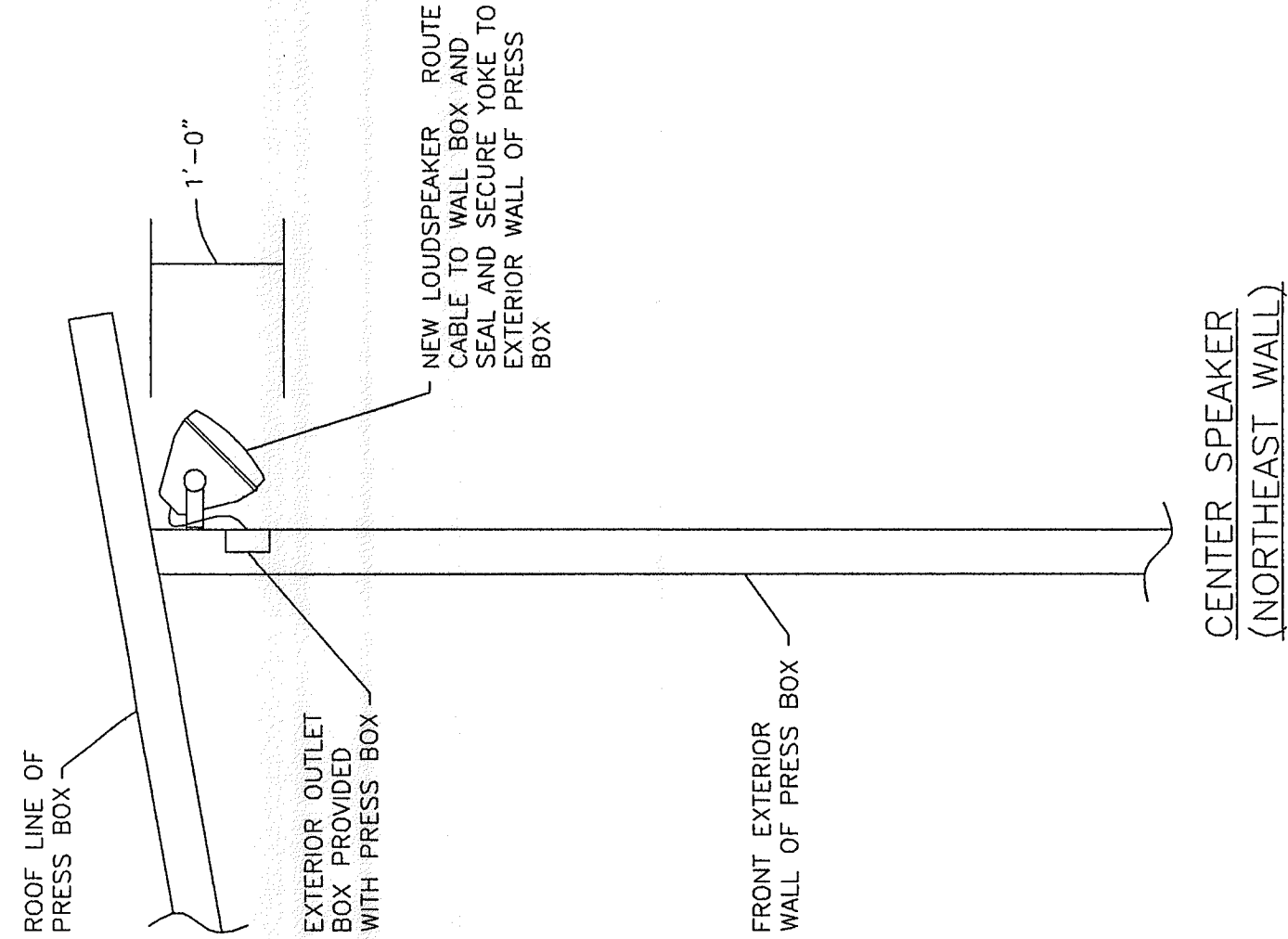
DRAWING ELECTRICAL DISTRIBUTION DIAGRAMS

PROJECT
SITE IMPROVEMENTS TO LAWRENCE

SHEET
E-701

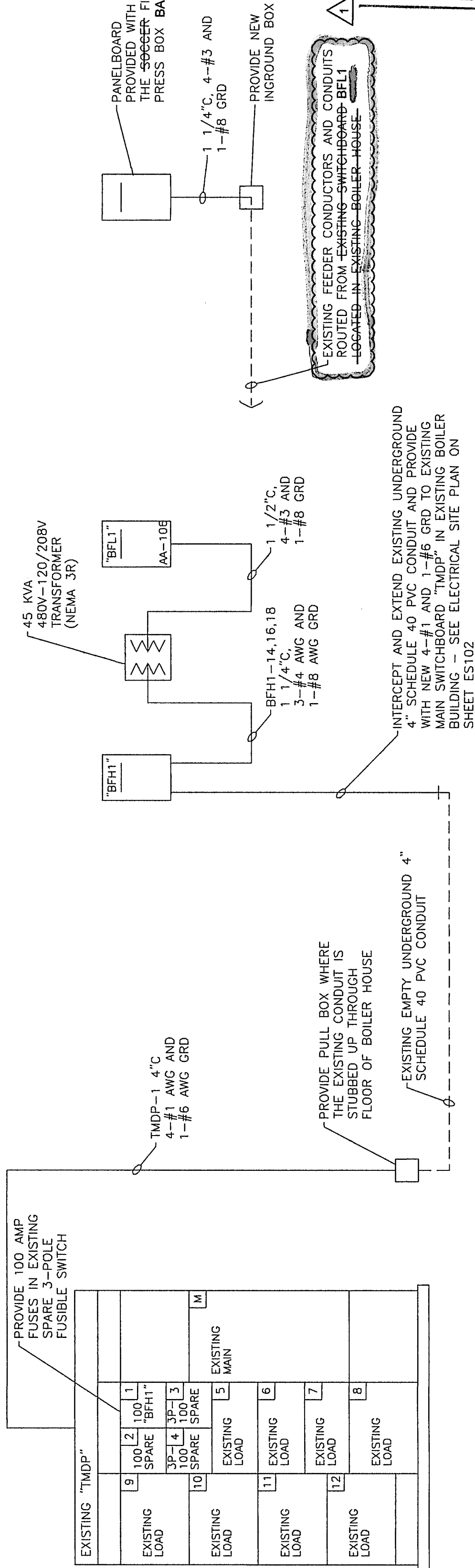


SOCCER FIELD PA SYSTEM
LOUDSPEAKER MOUNTING DETAILS
NOT TO SCALE



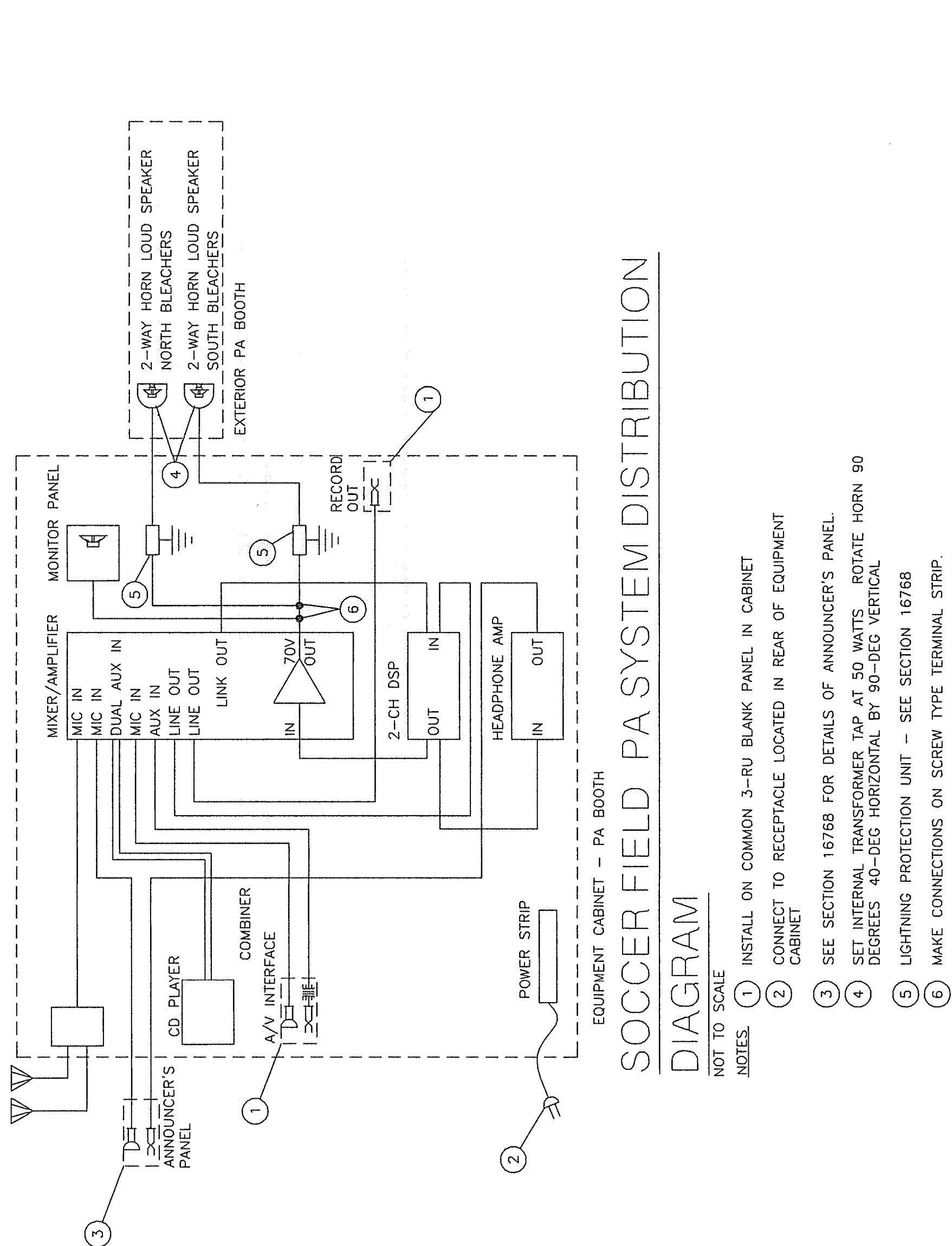
BASEBALL FIELD PA SYSTEM LOUDSPEAKER MOUNTING DETAILS
NOT TO SCALE

NOT TO SCALE



POWER DISTRIBUTION DIAGRAM

NOT TO SCALE



Soccer Field PA System Distribution Diagram

NOT TO SCALE

UNITES

- ① INSTALL ON COMMON 3-RU BLANK PANEL IN CABINET
- ② CONNECT TO RECEPTACLE LOCATED IN REAR OF EQUIPMENT CABINET

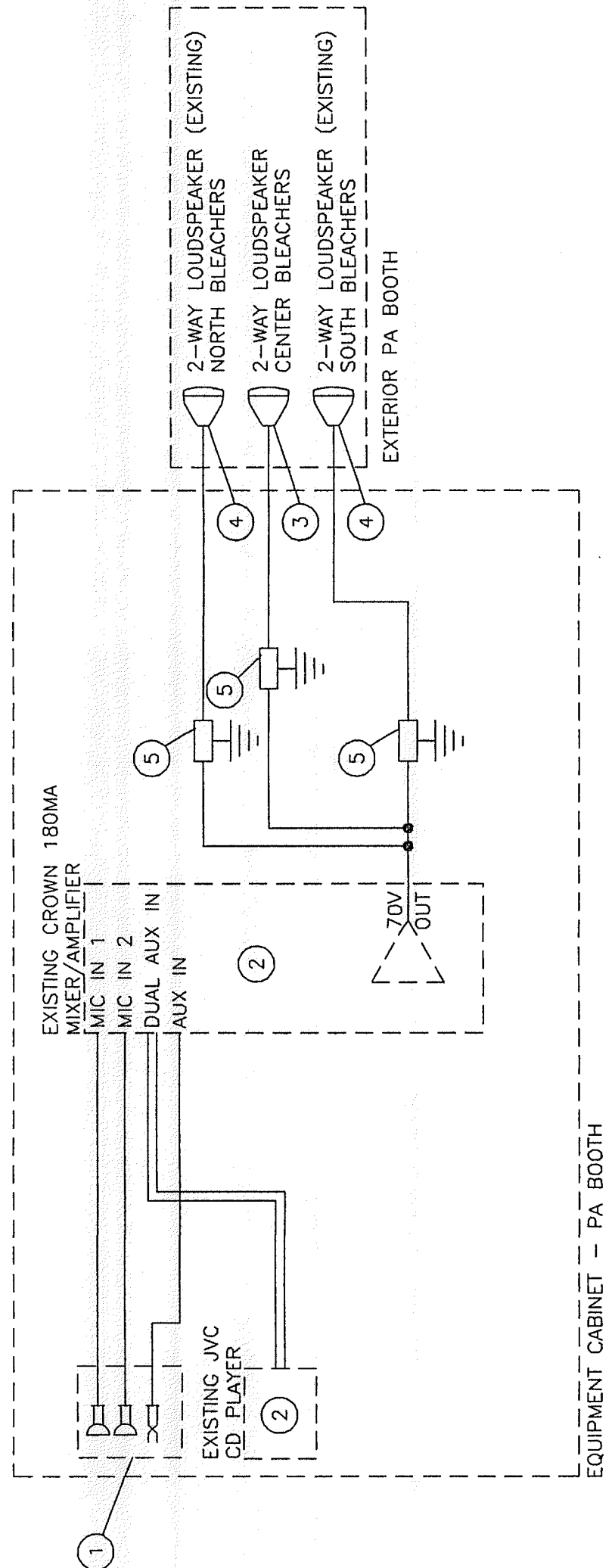
3 SEE SECTION 16768 FOR DETAILS OF ANNOUNCER'S PANEL

4 SET INTERNAL TRANSFORMER TAP AT 50 WATTS ROTATE HORN 90

DEGREES 40-DEG HORIZONTAL BY 90-DEG VERTICAL

5 LIGHTNING PROTECTION UNIT - SEE SECTION 16768

⑥ MAKE CONNECTIONS ON SCREW TYPE TERMINAL STRIP



BASEBALL FIELD PA SYSTEM DISTRIBUTION DIAGRAM

NOT TO SCALE

NOTES: ① EXISTING INPUTS ON READ

EXISTING UNIT ON REAR MODIFIED INTO DINING TABLE CABINET

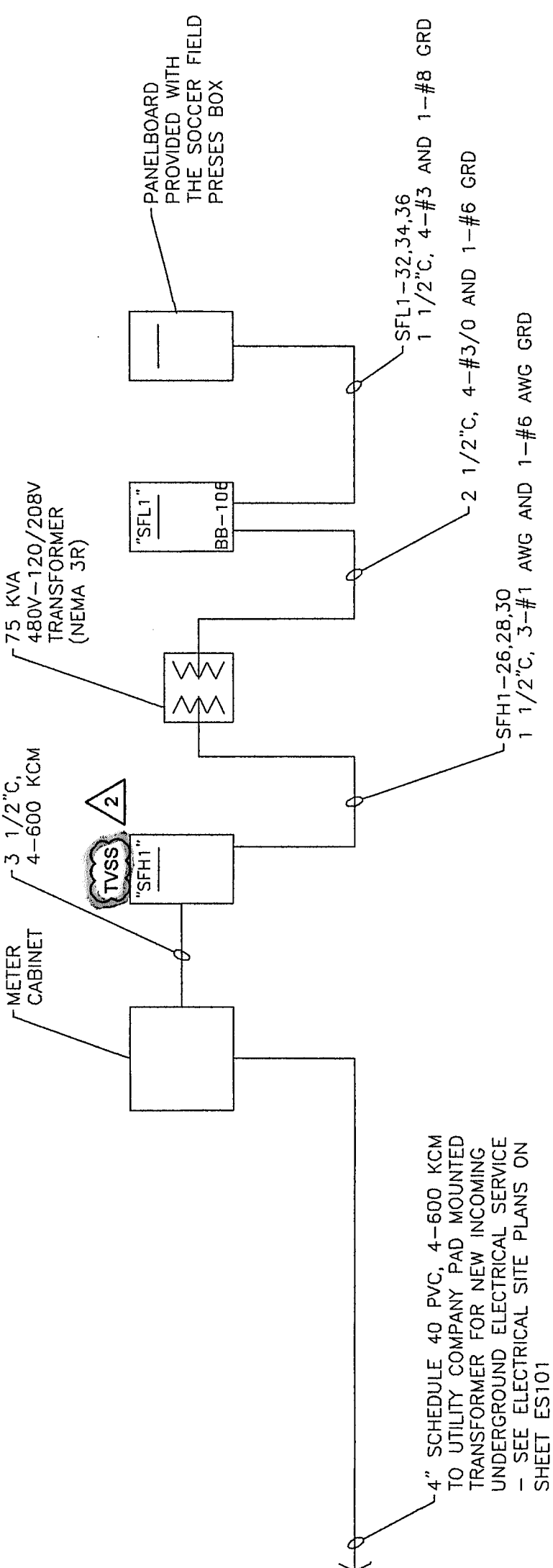
② EXISTING EQUIPMENT TO BE REUSED

3 PROVIDE NEW LOUDSEPAKER SET INTERNAL TRANSFO

15 WATTS

4 EXISTING LOUDSPEAKER TO BE REUSED SET INTERNAL

TRANSFORMER LAP AT 30 WATTS



POWER DISTRIBUTION DIAGRAM

NOT TO SCALE

