STRUCTURAL BRIDGING DETAIL FOR STORMWATER OVER GRAVITY SEWER INSTALLATIONS WITH LESS THAN 12" SEPARATION

SD-20

PLE AND BENT DETAIL

SD-21

TRACER WIRE DETAIL

SD-19

FORCE MAIN DITCH AND STORM DRAIN CROSSING

SD-18

NOTE: USE S/S. (S/5 OR BETTER)

FREEBOARD BORKUS

NOTE: USE S/S. (S/5 OR BETTER)

PINE VALLEY BRANCH LIBRARY

NEW HANOVER COUNTY

CFPUA SANITARY SEWER

INTERFACE DETAIL

CFPUA Standard Sanitary Sewer Details

DRAWING NUMBER

SSD-3
PLANTING NOTES:
1. SHRUBS - SITE BETWEEN 10-12 FEET IN DIAMETER AS WELL AS PLANTS HAVING A 12" DIAMETER TUBER OR 12" DIAMETER TUBER, COMPANION PLANTING IS REQUIRED. THE CENTER OF THE PLANTS SHALL BE 12" O.C.
2. PLANT LIST PROVIDED ON A CONVENIENCE BASIS - IN THE CASE OF A SHORTAGE OR EXCESS OF THE PLANTS AND PLANT LIST QUANTITIES, THE CONTRACTOR SHALL SATISFY ALL MINIMUM MEASUREMENTS NOTED
3. SAND DUNE PLANTING - FULL, DENSE MATCHING; 3'-0" O.C.
4. TURF SOD - RESTORED WITH TURF SOD; UNLESS OTHERWISE NOTED.
5. TREE PLANTING IN DECORATIVE GRAVEL; REFER TO L161 AND L162 FOR CITY OF WILMINGTON REQUIRED PLANTING.
6. HARDWOOD MULCH
7. ROUGH GOLDENROD
8. ROSE-MALLOW
9. ADAM'S NEEDLE
10. BUTTERFLY WEED
11. NARROWLEAF WOODOATS
12. DIANA'S ROSE
13. SUMMER RED SHASTA DAISY
14. MISTY - AKA "HIRTA"
15. VIRGINIANA MELISSIFOLIA
16. RUBUS "POINCIANA"
17. ASCLEPIAS TUBEROSA
18. LIGULARIA DISCOIDEA
19. MUSCARI "PURPLA" "AMETHYST DREAM"
20. GAILLARDIA PULCHELLA
21. COREOPSIS VERTICILLATA
22. CYPRinus CALIFORNIUS
23. COREOPSIS ANGUSTIFOLIA
24. LYTHRUM "CARMEN"
25. ASTER "HICKEYS"
26. LIRIOPE "VARIEGATA"
27. ZEPHYRANTHES "PURPLE GEM"
28. PENSTEMON "SERENADE"
29. ORCHID EGG PLANTING - CONTRACTOR SHALL SATISFY ALL MINIMUM MEASUREMENTS NOTED
1. REFER TO SPECIFICATIONS FOR PAVER TYPE AND MANUFACTURER.

2. SCALE: 1" = 1'-0"
1. Mounting heights shall be defined within the area to be marked. All dimensions shall be expressed in inches.
2. Any device offset from any dimension lettering shall be shown as a note on the drawing.
3. Any wall or other perforated gypsum board locations shall be approved by the architect in field prior to installation.

Refer to plans for additional information.

**Symbol Designations**

- **Room Markers**: Room markers shall be located at the level of the floor and ceiling.
- **Location Numbers**: Location numbers shall be placed at the level of the floor and ceiling.
- **Symbol Designations**: Symbol designations shall be placed at the level of the floor and ceiling.

**Not to Scale**
MINIMUM ROOF SLOPE 2:12

ROOF + OVERFLOW DRAIN

PROVIDE CRICKETS AS REQUIRED AT ALL CURBS AND PENETRATIONS

MECHANICAL SCREEN WALL

SLOPE ALL ROOF AREAS MIN. 1/4" PER FOOT

BASE DRAIN TO ANY MECHANICAL EQUIPMENT, TO LIMIT WATER DRIP AND EXCESS FREE FLOW.

MINIMUM ROOF SLOPE 2:12

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MINIMUM ROOF SLOPE 2:12

SLOPE ALL ROOF AREAS MIN. 1/4" PER FOOT

BASE DRAIN TO ANY MECHANICAL EQUIPMENT, TO LIMIT WATER DRIP AND EXCESS FREE FLOW.
CONTINUOUS SPRAY FOAM INSULATION
PRESSURE TREATED WOOD BLOCKING
1/2"
MEMBRANE FLASHING
0.040 BREAK METAL TRIM TO MATCH METAL WALL PANEL
FE200
AW110 (REFER TO ELEVATIONS FOR METAL PANEL PROFILE LOCATIONS)
BACKER ROD AND SEALANT
FILL SHIM SPACE WITH MINERAL WOOL INSULATION
CONCEALED METAL WALL PANEL CLIP
1/4"
BREAK METAL SILL BELOW TO MATCH METAL WALL PANEL
BACKER ROD AND SEALANT
AW200
MEMBRANE FLASHING
CONTINUOUS SPRAY FOAM INSULATION
FE100
BACKER ROD AND SEALANT
EXTRUDED SILICONE TRANSITION
FILL SHIM SPACE WITH MINERAL WOOL INSULATION
PRESSURE TREATED WOOD BLOCKING
CONTINUOUS SPRAY FOAM INSULATION
FE200
BREAK METAL SILL BELOW TO MATCH METAL WALL PANEL
1 1/4"
CONTINUOUS ALUMINUM CLOSURE TRIM TO MATCH METAL WALL PANEL
0.040 ALUMINUM BREAK METAL TRIM TO MATCH METAL WALL PANEL
MEMBRANE FLASHING
CONTINUOUS SPRAY FOAM INSULATION
AW100 ON 3 5/8" METAL STUD FRAMING
PRESSURE TREATED WOOD BLOCKING
BACKER ROD AND SEALANT
FILL SHIM SPACE WITH MINERAL WOOL INSULATION
RIGID INSULATION
1'-1 3/8"
STRUCTURAL STEEL SUPPORT AS INDICATED, REFER TO STRUCTURAL DRAWINGS

METAL TRIM, PREFINISH TO CONTINUOUS SPRAY FOAM

1 1/2" = 1'-0"  

EXT. SECTION DETAIL - FIBER CEMENT SOFFIT AT METAL WALL PANEL

MEMBRANE FLASHING

AW110  

INSULATION

1 1/2" = 1'-0"  

EXTERIOR SECTION DETAIL - ROOF PARAPET AT METAL PANEL

AW100A  

SF100

3'-0"  

1 1/2"  

1/2"

7"

A544

4  

A544

2  

RF100

STRUCTURAL STEEL SUPPORT, REFER TO CONTINUOUS SPRAY FOAM INSULATION

ALIGN INTERIOR AND EXTERIOR JOINTS

.040 BREAK METAL TRIM TO MATCH STRUCTURAL DRAWINGS FOR SIZE

EXTRUDED SILICONE TRANSITION BACKER ROD AND SEALANT, 1/2"

FILL SHIM SPACE WITH MINERAL

STRUCTURAL STEEL BRACING ON STRUCTURAL DRAWINGS

METAL STUD FRAMING AND ALUMINUM CURTAINWALL

1 1/2" = 1'-0"  

EXT. SECTION DETAIL - CURTAINWALL HEAD AT FIBER CEMENT CEILING

FIBER CEMENT CEILING, MEMBRANE FLASHING

WOOL INSULATION

LEVEL 2  

14' - 0"

SF200  

FE100

UNDERSLAB INSULATION, EXTEND

FLOOR FINISH AS INDICATED

1 1/2" = 1'-0"

1 1/2" = 1'-0"  

1 1/2" = 1'-0"

EXT. SECTION DETAIL - METAL WALL PANEL AT BOTTOM OF WALL

EXT. SECTION DETAIL - METAL WALL REVEAL

WALL BASE AS INDICATED

LEVEL 2

LEVEL 1

INTO STORMWATER SYSTEM

EXTEND 12" MIN. BELOW GRADE

FOUNDATION DRAIN, CONNECT SHEET WATERPROOFING

.060 ALUMINUM, PREFINISHED

0' - 0"  

EXPANSION JOINT, PROVIDE WEEPS AT 24" O.C.

PREFINISH TO MATCH METAL CLADDING

MEMBRANE FLASHING

AW110

5/8" GYPSUM WALL BOARD, PAINTED

METAL STUD FRAMING, REFER TO STRUCTURAL DRAWINGS

SF100

0' - 4"  

C

Z GIRT, PROVIDE WEEPS AT 24" O.C.

PREFINISH TO MATCH METAL CLADDING

MEMBRANE FLASHING

AW110

3/4"  

1/2"

10

VINES ARCHITECTURE, INC.
1. GENERAL NOTES & NOT TO SCALE:
   - CONSTRUCTION JOINTS ARE AS SPECIFIED ON THE DRAWINGS OR AS SHOWN ON THE PLANS.
   - GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS PRIOR TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR REQUIRED OPENINGS AS THEY SHALL BE PROVIDED FOR WHETHER SHOWN ON THESE DRAWINGS OR NOT. GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS PRIOR TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR REQUIRED OPENINGS AS THEY SHALL BE PROVIDED FOR WHETHER SHOWN ON THESE DRAWINGS OR NOT.

CONCRETE / REINFORCING STEEL

1.はじめる前に
   - BID SET

2. 数値を指定する
   - CONCRETE CONSTRUCTION JOINTS

3. 計画と仕様の解釈が必要な場合
   - GENERAL CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH ALL SUB-CONTRACTORS PRIOR TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR REQUIRED OPENINGS AS THEY SHALL BE PROVIDED FOR WHETHER SHOWN ON THESE DRAWINGS OR NOT.

4. 決定
   - THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND GRADE CONDITIONS (BOTH NEW AND EXISTING), REPORTING ANY

5. 風荷重
   - WIND LOAD:

6. 熱線幅
   - LAP WELDED WIRE FABRIC SHEETS 8" MINIMUM.

7. ヘッドドコンクリートアンカー
   - HEADED CONCRETE ANCHORS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A108, GRADES 1010, 1015, 1017, OR 1020. STUDS SHALL BE

8. コンクリートポールの注入口
   - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER FAR ENOUGH IN ADVANCE (48 HOURS) OF EACH CONCRETE POUR TO ALLOW AMPLE TIME TO

9. 土圧
   - GROUND SNOW LOAD Pg = 10 PSF

10. 高さ
    - IMPORTANCE FACTOR Iw = 1.15

11. 基本設計風速
    - BASIC DESIGN WIND VELOCITY V = 135 MPH

12. 強度
    - STRUCTURAL ENGINEER PRIOR TO PLACEMENT.

13. グルート
    - GROUT UNDER BASE PLATES TO BE HIGH STRENGTH (5,000 PSI), NON-SHRINK.

14. 給水管
    - PIPES - ASTM A53, GRADE B (FY=35 KSI)

15. 接合部
    - SPEC(S) SPECIFICATION(S)

16. 金型
    - H-34 H-50 UL 500 M49 W-700

17. 鋼板
    - WIDE FLANGE SHAPES (W SECTIONS) - ASTM A992, GRADE 50 (FY=50 KSI)

18. ビーム
    - 4/16" 3/8" 7/16" 1/4" 11/16" 3/8" 9/16" 7/16" 1/4" 11/16" 3/8" 9/16" 7/16" 1/4"

19. スクリューコネクション
    - SCREWED CONNECTIONS. SUBMIT MANUFACTURER'S DATA GIVING STRENGTH VALUES FOR SCREWS USED.

20. ワンプロック
    - WP WORK POINT

21. ターゲット
    - VERT VERICAL

22. タップオブフット
    - TOF TOP OF FOOTING

23. タップ/トップ
    - T/ TOP

24. スチール
    - STEEL

25. マンワイヤー
    - STUCCO WALLS

26. ティール
    - DECK DEFLECTIONS PER SDI.
AUDI/VISUAL NOTES:

1. Use approved manufacturer and part numbers per supplier if required.
2. Review electrical/MEP coordination drawings for cable information.

KEY NOTES:

1. Provide data jack in core, connect flat panel display via RJ45 output in wall box. Connect from wall jack to common jack network and back to video provided by electrical contractor.

CABLE LEGEND:

- CAT 5
- DS3
- RG22
- BNC
- DB9
- VGA
- BNC
- DVD
- A/V
- AUX
- DI
- CONTROL

Architect of Record:
Vines Architecture, Inc.
400 Connecticut Avenue, N.W.
Washington, DC 20001

Incorporated in:
New York, NY, USA

CONSULTANTS:

SUSSEX, PA
GUTHRIE, PA

Dewberry

ECONOMIC

Light Is Right Form

PINE VALLEY BRANCH LIBRARY
NEW HANOVER COUNTY

PHASE: CONSTRUCTION DOCUMENTS
DATE: AUGUST 14, 2017
PROJECT: PINE VALLEY BRANCH
DRAWING NUMBER: TA501

Dewberry Engineers Inc.
Vines Architecture, Inc.

Drawing Style: BLOCK DIAGRAM
# Audiovisual Projection Schedule

<table>
<thead>
<tr>
<th>Room Number</th>
<th>Room Description</th>
<th>Projector Tag</th>
<th>Model</th>
<th>Quantity</th>
<th>Installation</th>
<th>Mounting Plate</th>
<th>Mounting Support</th>
<th>Distance From Ceiling</th>
<th>Distance From Screen</th>
<th>Adjustment Margin</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>12A</td>
<td>Large Conference</td>
<td>PA-1</td>
<td>JVC DLA-HS1000U</td>
<td>1</td>
<td>top</td>
<td>80-80-80</td>
<td>50</td>
<td>90</td>
<td>5'0&quot; 3/4&quot;</td>
<td>2' 3/4&quot;</td>
<td>1-1/4</td>
<td>12A</td>
</tr>
<tr>
<td>12A</td>
<td>Large Conference</td>
<td>PA-1</td>
<td>JVC DLA-HS1000U</td>
<td>1</td>
<td>top</td>
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<td>90</td>
<td>5'0&quot; 3/4&quot;</td>
<td>2' 3/4&quot;</td>
<td>1-1/4</td>
<td>12A</td>
</tr>
</tbody>
</table>

**Notes:**
- Refer to specifications for manufacturer and part number.
- All information is subject to change.

---

# Audiovisual Display Schedule

<table>
<thead>
<tr>
<th>Room Number</th>
<th>Room Description</th>
<th>Display Tag</th>
<th>Model</th>
<th>Quantity</th>
<th>Installation</th>
<th>Mounting Bracket</th>
<th>Wiring</th>
<th>Width Size</th>
<th>Case Size</th>
<th>Height</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12A</td>
<td>Meeting Room</td>
<td>PRO-1</td>
<td>JVC DLA-HS1000U</td>
<td>1</td>
<td>wall</td>
<td>80-80-80</td>
<td>50</td>
<td>90</td>
<td>5'0&quot; 3/4&quot;</td>
<td>2' 3/4&quot;</td>
<td>1-1/4</td>
</tr>
<tr>
<td>12A</td>
<td>Meeting Room</td>
<td>PRO-1</td>
<td>JVC DLA-HS1000U</td>
<td>1</td>
<td>wall</td>
<td>80-80-80</td>
<td>50</td>
<td>90</td>
<td>5'0&quot; 3/4&quot;</td>
<td>2' 3/4&quot;</td>
<td>1-1/4</td>
</tr>
</tbody>
</table>

**Notes:**
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---

# Audiovisual Floor Box Schedule

<table>
<thead>
<tr>
<th>Room Number</th>
<th>Room Description</th>
<th>Tag</th>
<th>Quantity</th>
<th>AV Outlet Box #1</th>
<th>AV Outlet Box #2</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12A</td>
<td>Meeting Room</td>
<td>PA-1</td>
<td>1</td>
<td>PRO-1</td>
<td>80-80-80</td>
<td>50</td>
</tr>
<tr>
<td>12A</td>
<td>Meeting Room</td>
<td>PA-1</td>
<td>1</td>
<td>PRO-1</td>
<td>80-80-80</td>
<td>50</td>
</tr>
</tbody>
</table>

**Notes:**
- Refer to specifications for manufacturer and part number.
- All information is subject to change.

---

# Audiovisual Cable Schedule

<table>
<thead>
<tr>
<th>Cable Tag</th>
<th>Media Type</th>
<th>Cable Description</th>
<th>Connector 1</th>
<th>Connector 2</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>C1</td>
<td>HDMI</td>
<td>HDMI cable</td>
<td>HDMI</td>
<td>HDMI</td>
<td>12A</td>
</tr>
<tr>
<td>C2</td>
<td>Ethernet</td>
<td>Ethernet cable</td>
<td>Ethernet</td>
<td>Ethernet</td>
<td>12A</td>
</tr>
<tr>
<td>C3</td>
<td>Speaker</td>
<td>Speaker cable</td>
<td>Speaker</td>
<td>Speaker</td>
<td>12A</td>
</tr>
</tbody>
</table>

**Notes:**
- Refer to specifications for manufacturer and part number.
- All information is subject to change.

---

# Audiovisual Cable Cubby Schedule

<table>
<thead>
<tr>
<th>Room Number</th>
<th>Room Description</th>
<th>Tag</th>
<th>Model</th>
<th>Quantity</th>
<th>Panel Group 1</th>
<th>Panel Group 2</th>
<th>Panel Group 3</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12A</td>
<td>Meeting Room</td>
<td>PA-1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>12A</td>
</tr>
<tr>
<td>12A</td>
<td>Meeting Room</td>
<td>PA-1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>12A</td>
</tr>
</tbody>
</table>

**Notes:**
- Refer to specifications for manufacturer and part number.
- All information is subject to change.

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# Audiovisual Schedules

- **SIGNATURES:** Provide all necessary approvals and signatures for the project.
- **CONSULTANTS:** Provide all necessary specifications and approvals from consultants.
- **ARCHITECT:** Provide all necessary specifications and approvals from the architect.
- **CONTRACTOR:** Provide all necessary specifications and approvals from the contractor.

**Notes:**
- All information is subject to change.
- Refer to specifications for manufacturer and part number.