

**NESPA ENTERPRISES INC.**  
 2800 Richter Ave., Suite C  
 Oroville, CA 95966  
 Phone: (530) 534-9910  
 Fax: (530) 534-9915  
 Web Site: www.nespa.com  
 ALL DIMENSIONS SUBJECT TO TOLERANCES



**Colorado Poolscapes, Inc.**  
 Pool & Spa Builders  
 Glenwood Springs, Colorado  
 Phone 970.945.8775  
 Fax 970.945.8227

SEAL:

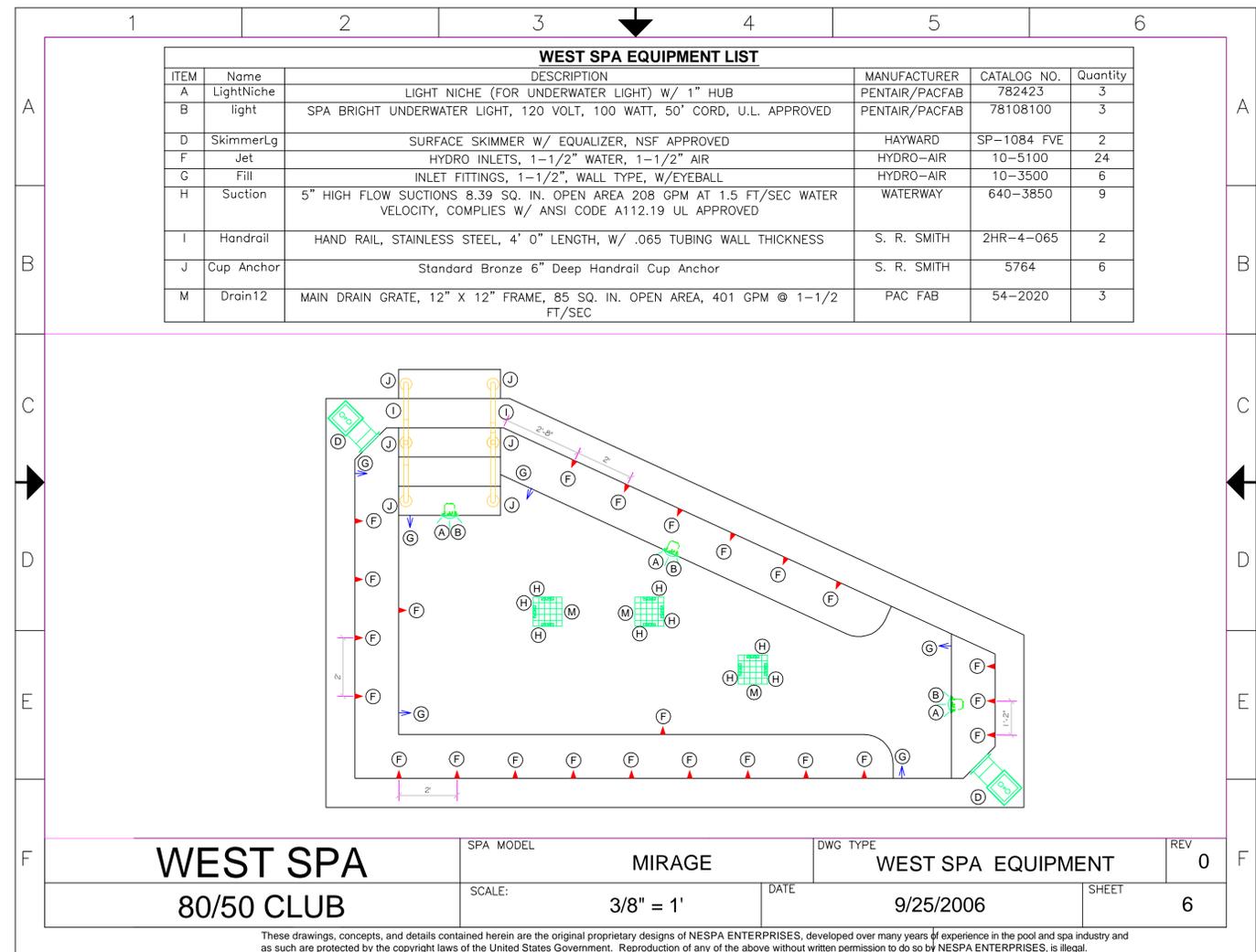
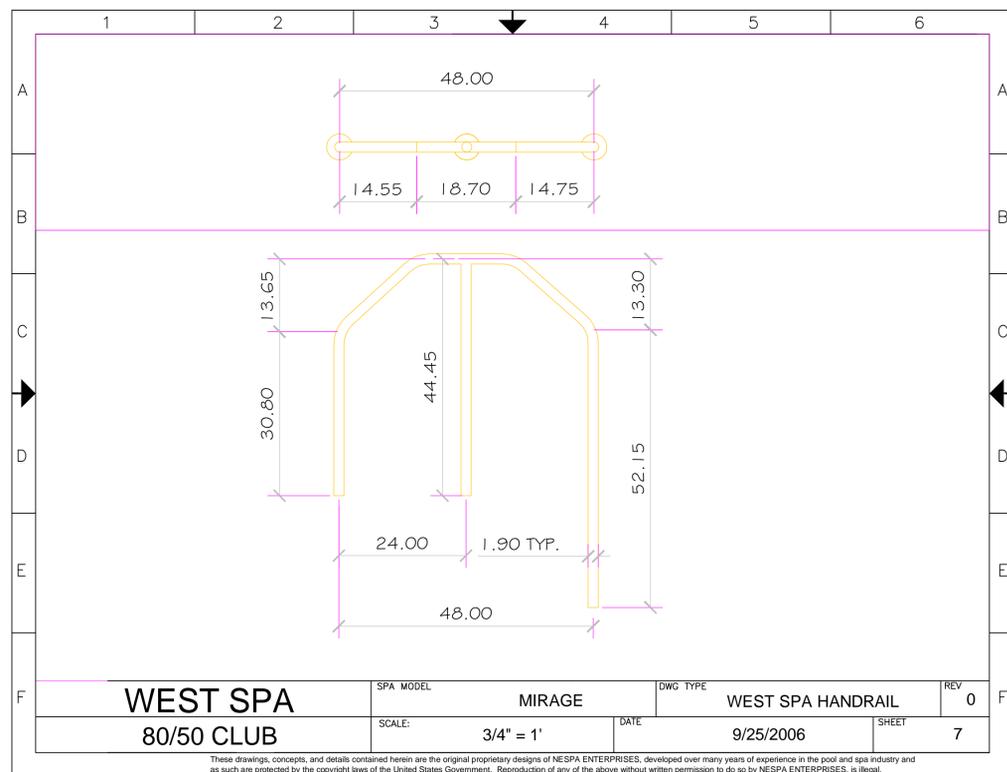
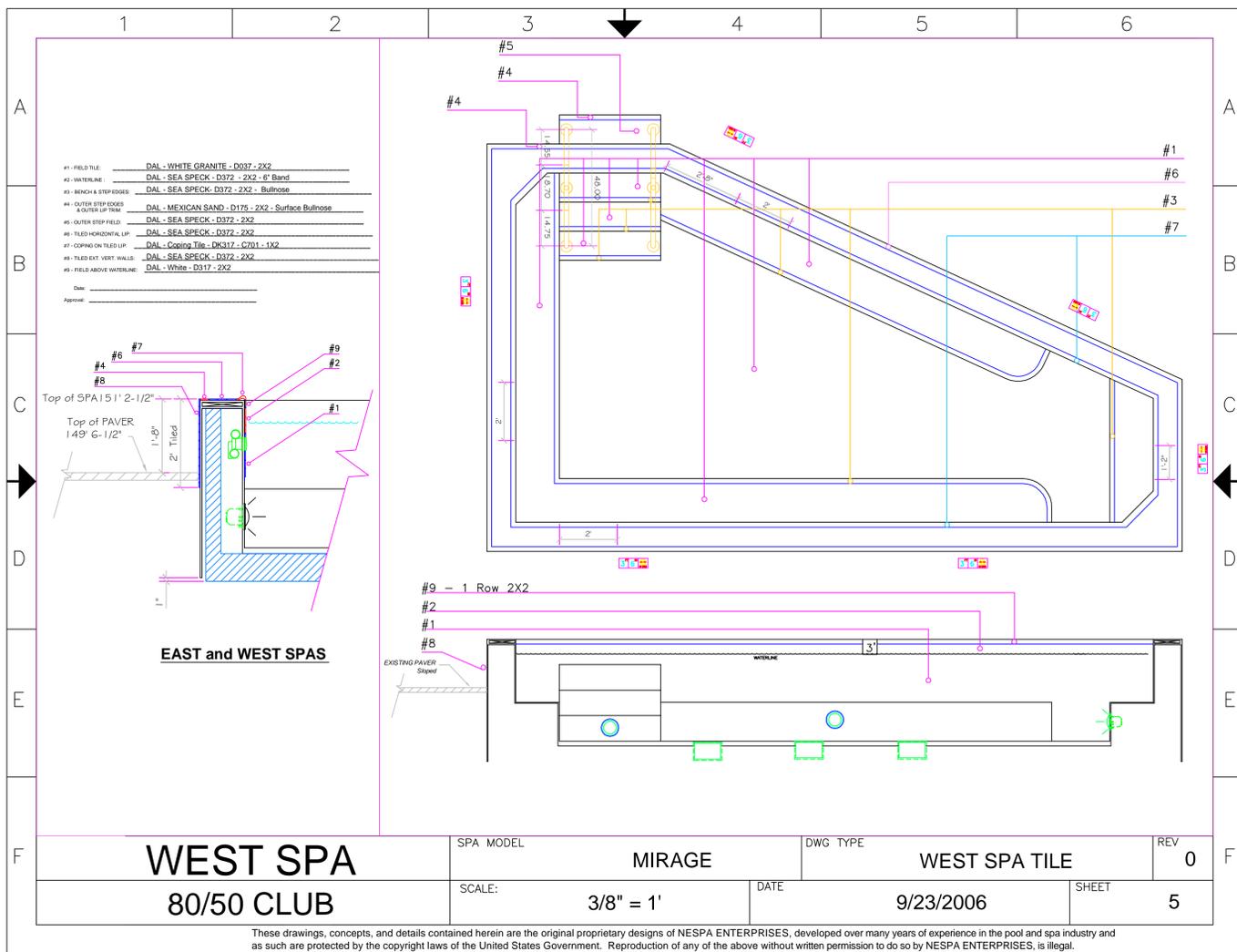
**80/50 PRIVATE RESIDENCE CLUB**  
 BLDG. A ROOF GARDEN  
 MAMMOTH LAKE, CA

| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/14/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: FILE NAME:  
 TILED SPAS 80\_50 CLUB DWG

WEST SPA

SPA.1



**NESPA ENTERPRISES INC.**  
2800 Richter Ave. Suite C  
Oroville, CA 95966  
Office: (530) 534-9910  
Fax: (530) 534-9915  
www.nespa.com  
www.tilespa.com  
ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES



Colorado Poolscape, Inc.  
Pool & Spa Builders  
Glenwood Springs, Colorado  
Phone 970.945.8775  
Fax 970.945.8227

80/50 PRIVATE  
RESIDENCE CLUB  
BLDG. A ROOF GARDEN  
MAMMOTH LAKE, CA

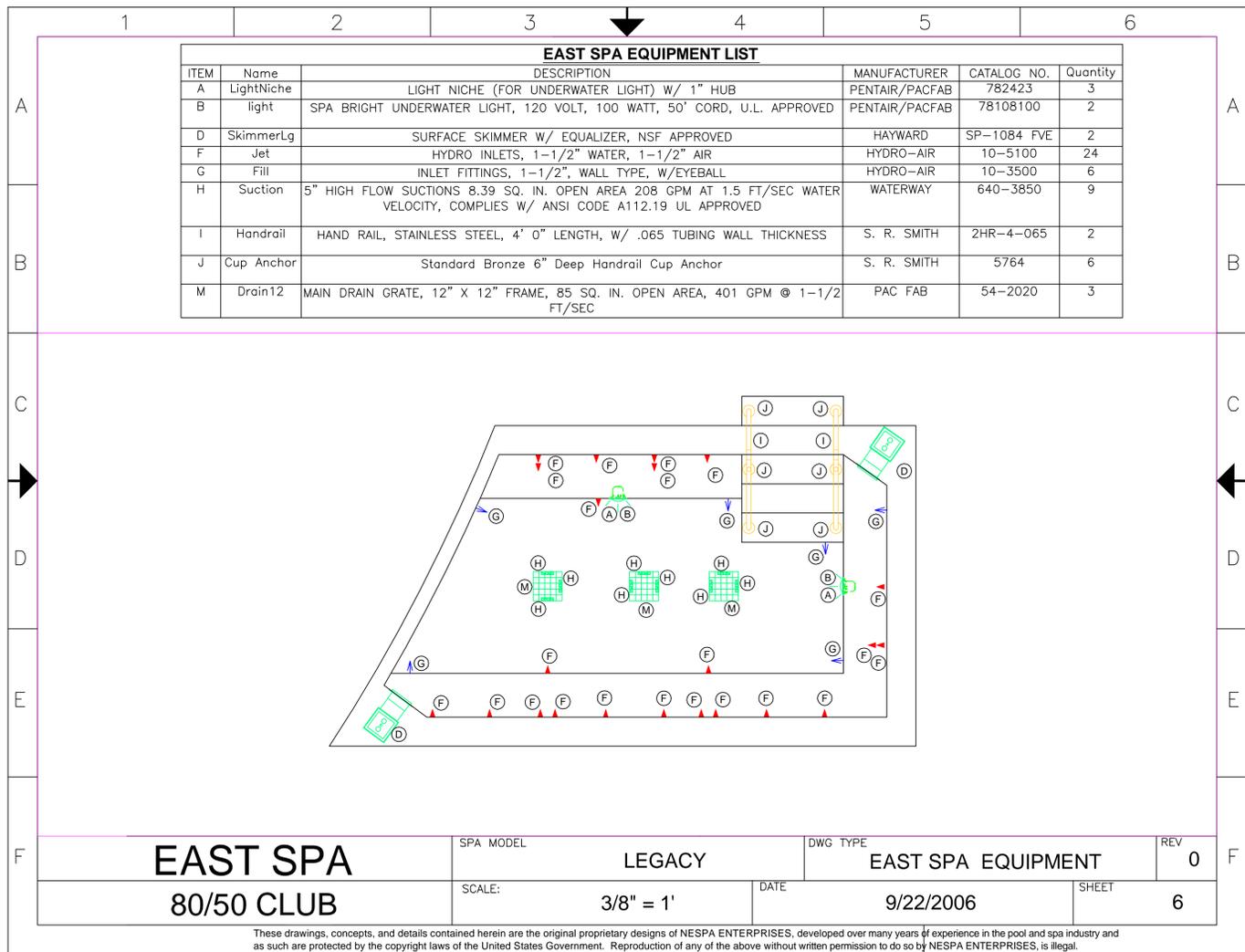
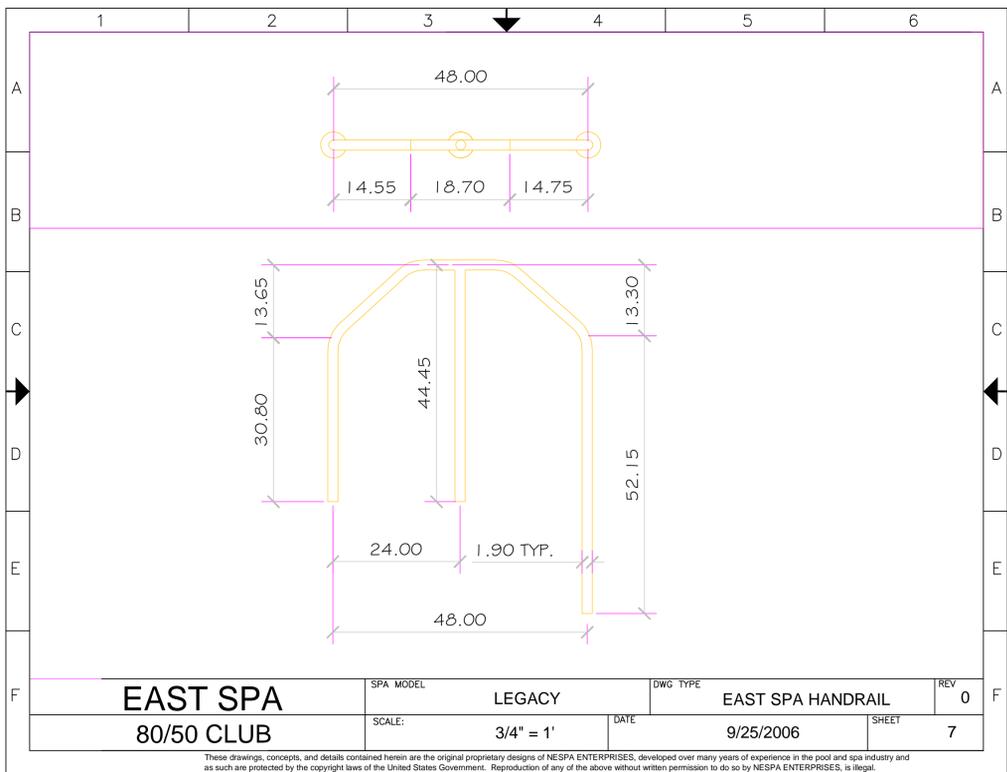
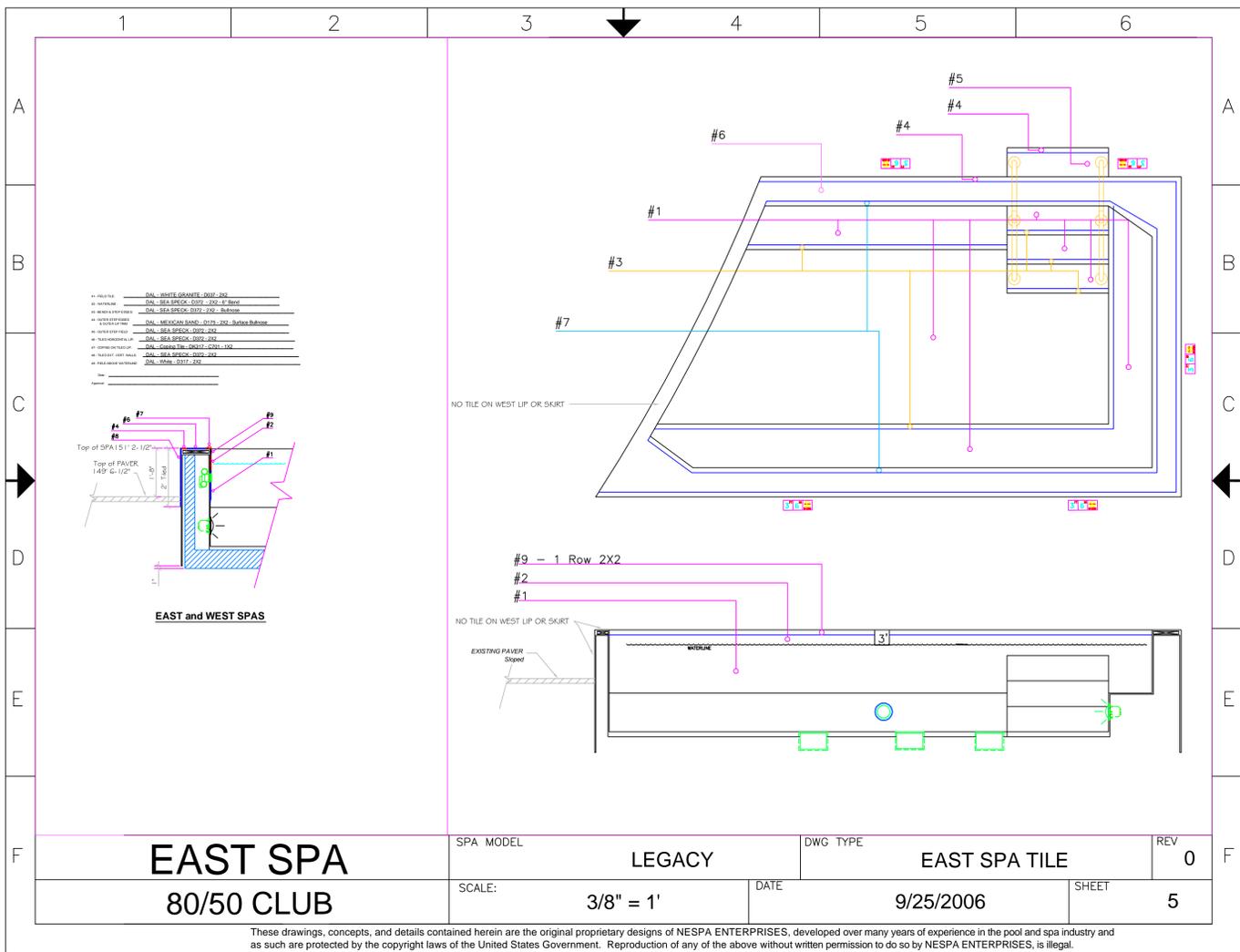
| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/19/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: FILE NAME:  
TELE-SPAS 80/50 CLUB DWG

WEST SPA

SPA.2





NESPA ENTERPRISES INC.  
2800 Richter Ave. Suite C  
Oroville, CA 95966  
Office: (530) 534-9910  
Fax: (530) 534-9915  
www.nespa.com  
www.tiledspas.com  
ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES



Colorado Poolscapes, Inc.  
Pool & Spa Builders  
Glenwood Springs, Colorado  
Phone 970.945.8775  
Fax 970.945.8227

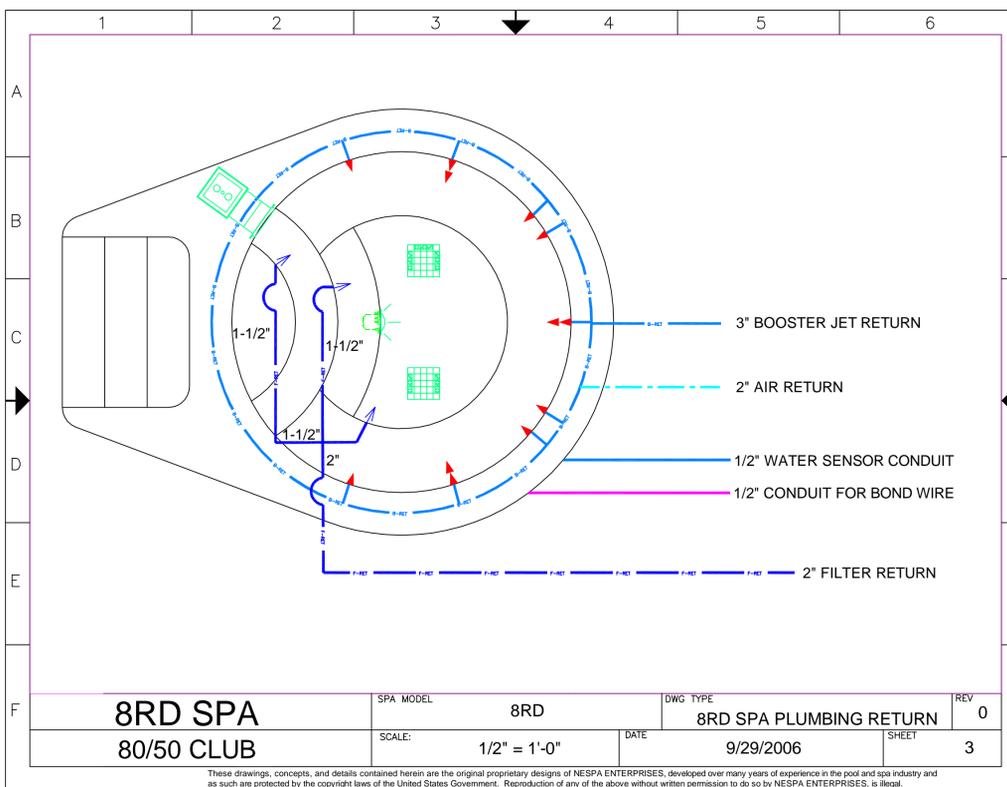
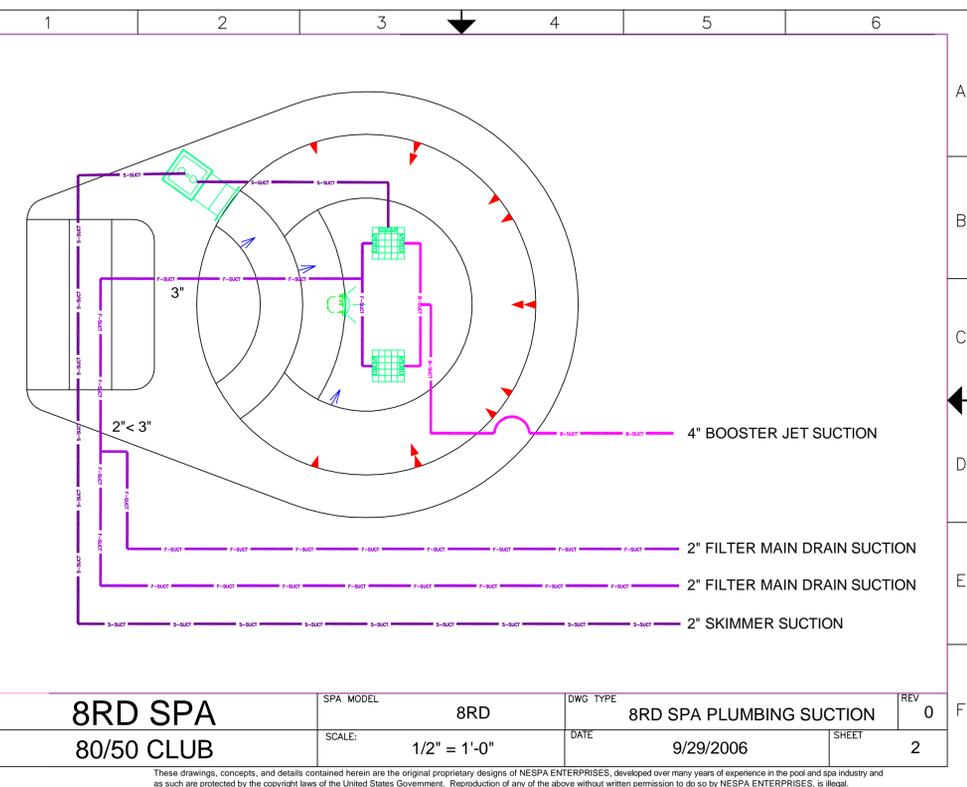
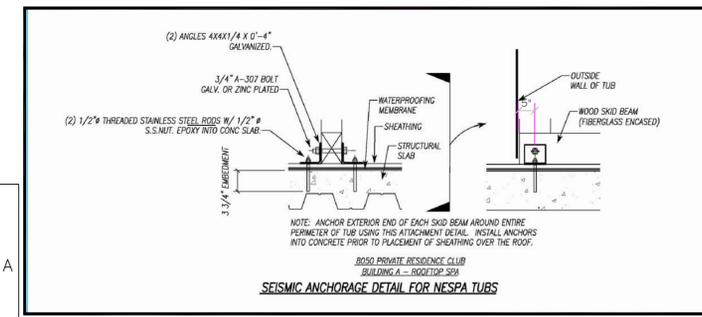
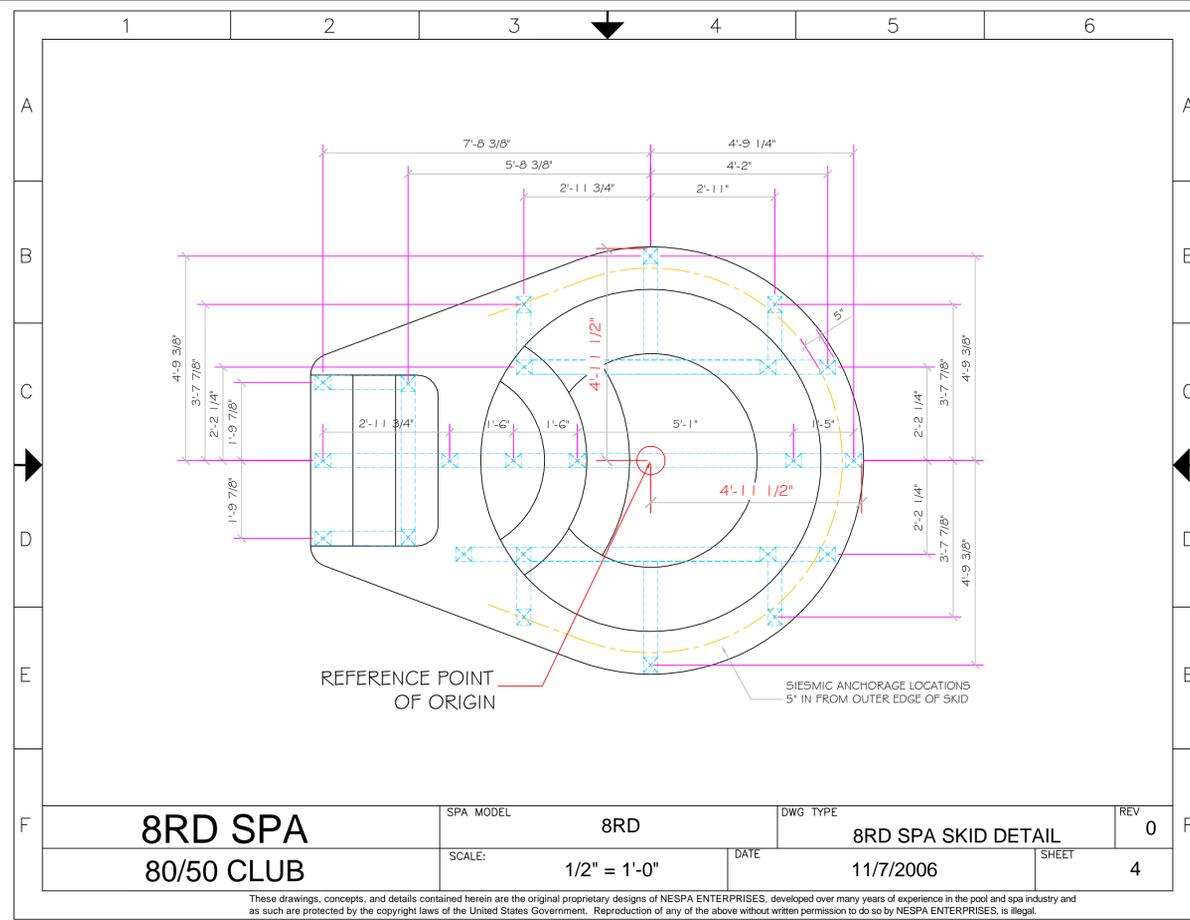
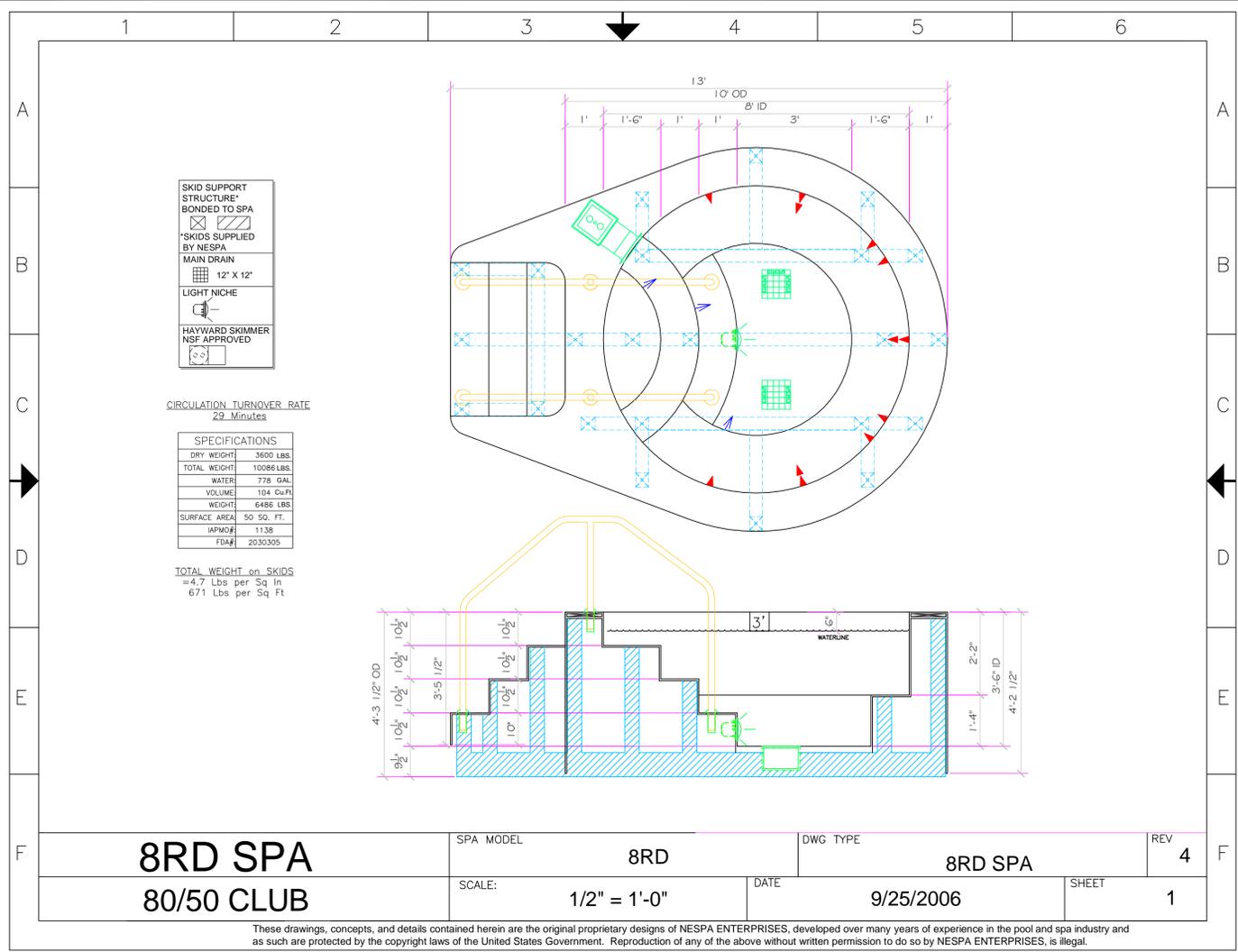
80/50 PRIVATE  
RESIDENCE CLUB  
BLDG. A ROOF GARDEN  
MAMMOTH LAKE, CA

| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/18/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: TILED SPAS  
FILE NAME: 80\_50 CLUB DWG

EAST SPA

SPA.4



**NESPA ENTERPRISES INC.**  
2800 Richter Ave. Suite C  
Orville, CA 95966  
Phone: (916) 664-9410  
E-Mail: sales@nespa.com  
Web Site: www.nespa.com  
FAC. DIMENSIONS SUBJECT TO 1/4" TOLERANCES



**Colorado Poolspeaks, Inc.**  
Pool & Spa Builders  
Glenwood Springs, Colorado  
Phone 970.945.8775  
Fax 970.945.8227

**80/50 PRIVATE RESIDENCE CLUB**  
BLDG. A ROOF GARDEN  
MAMMOTH LAKE, CA

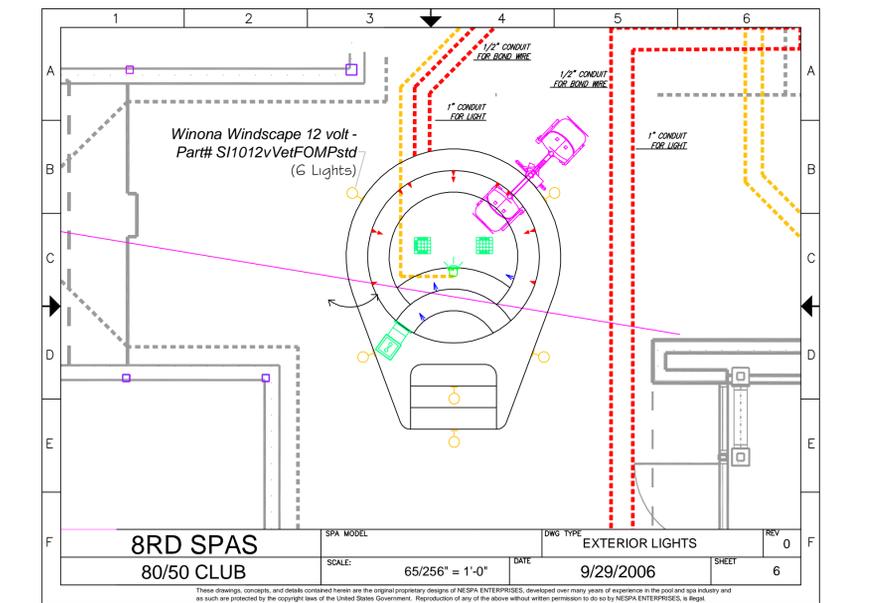
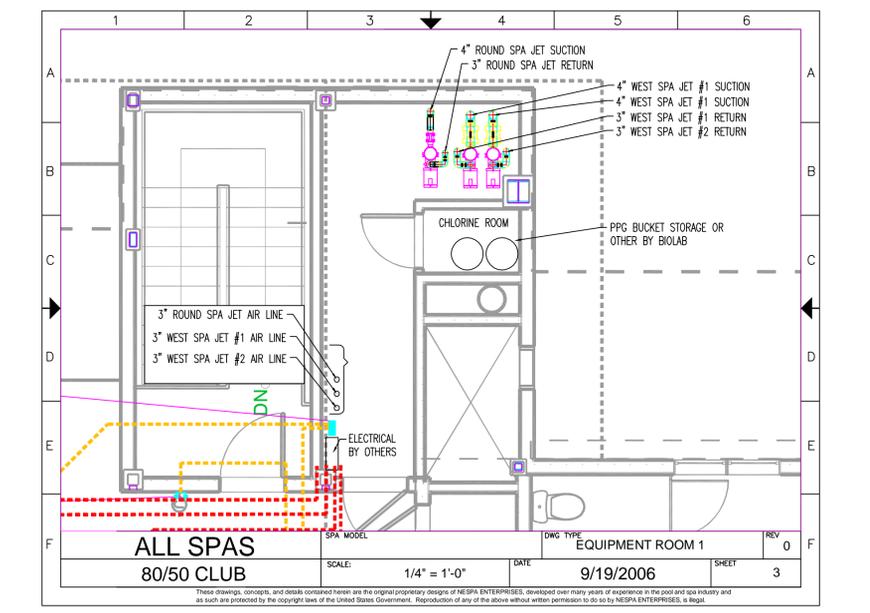
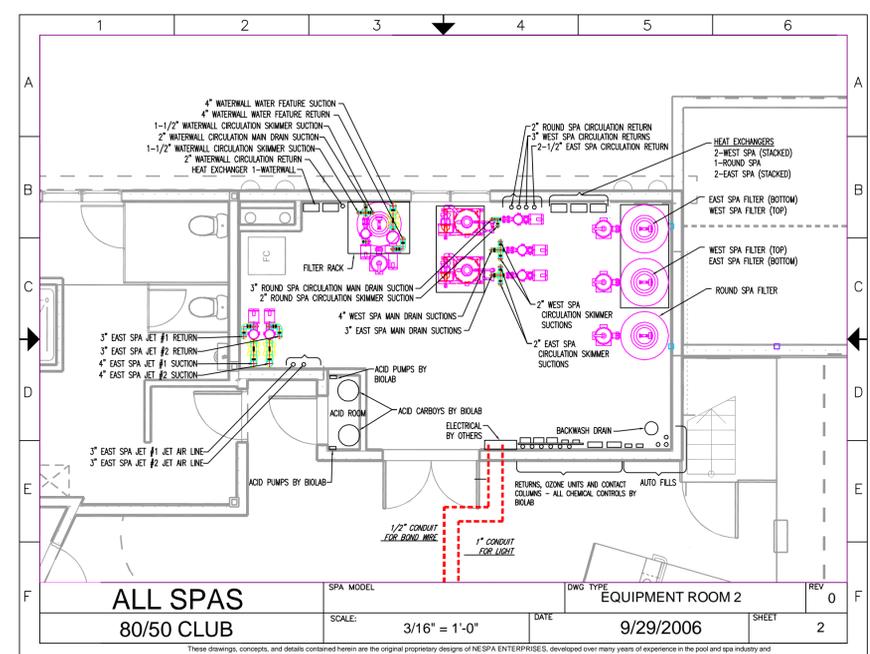
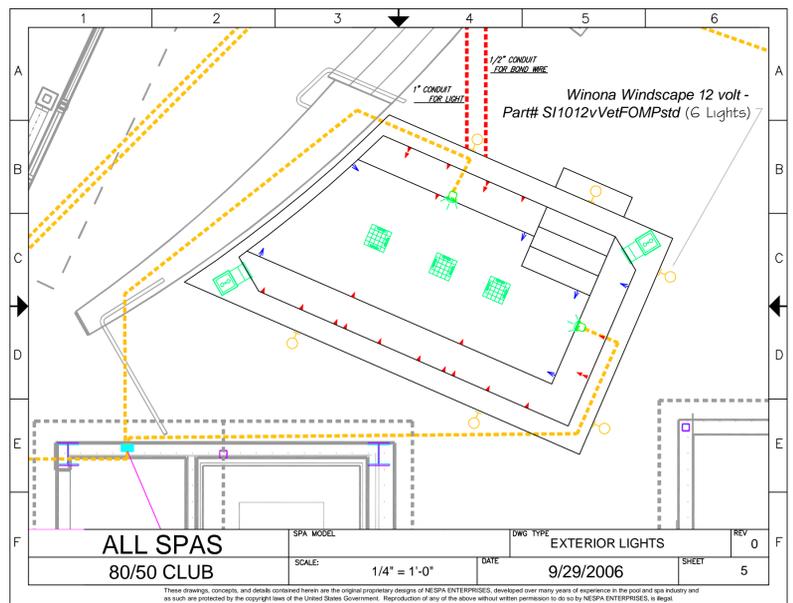
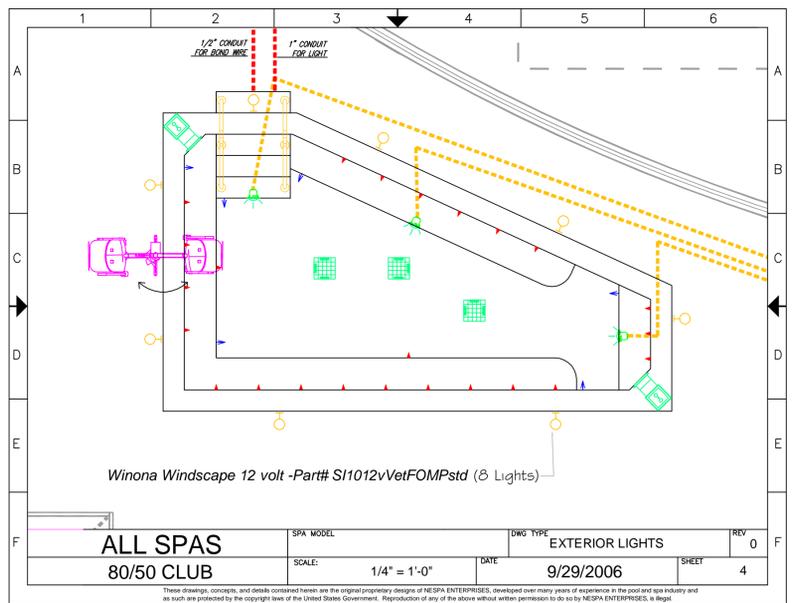
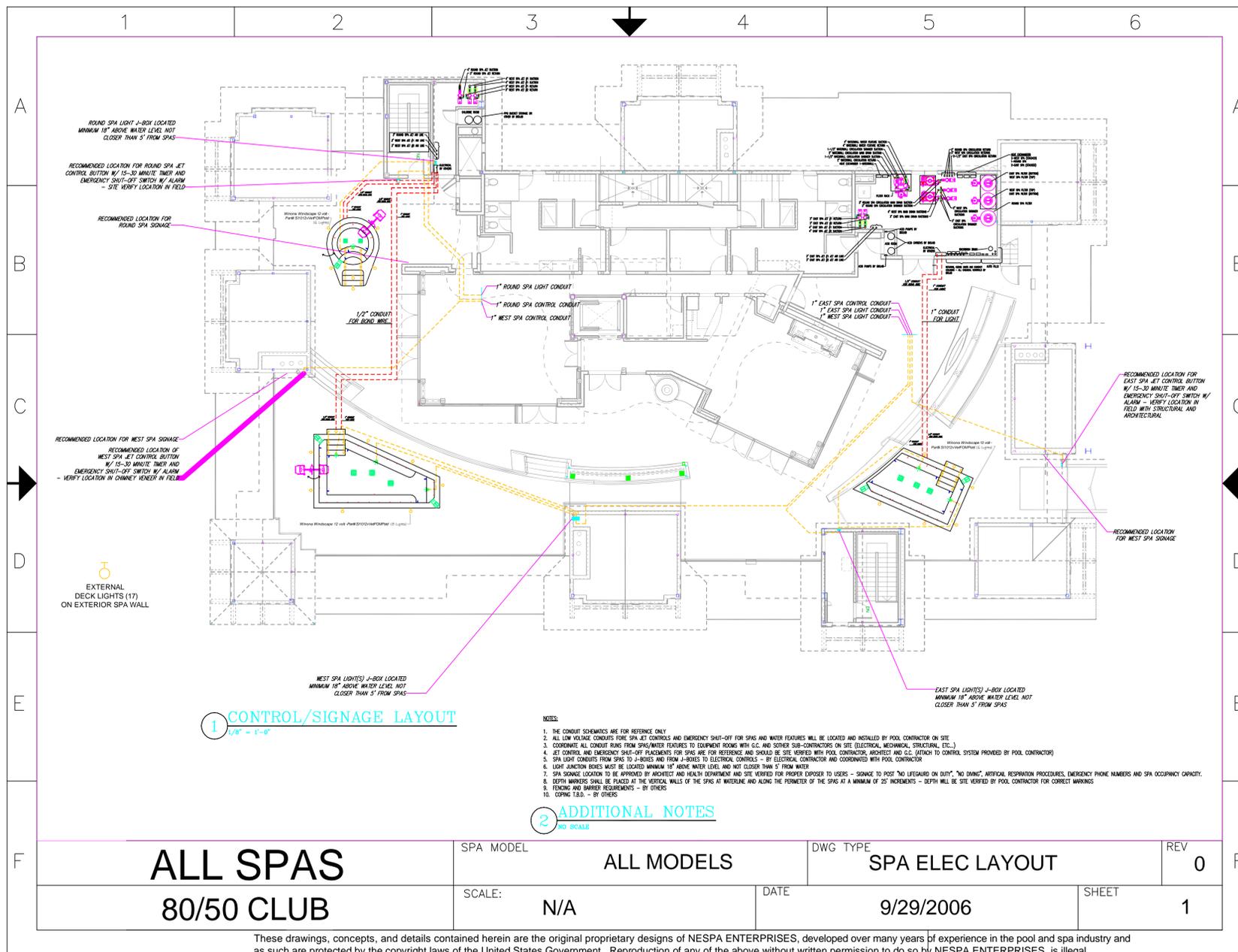
| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/14/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: TLED SPAS  
FILE NAME: 80.50 CLUB DWG

8RD SPA

SPA.5





**NESPA ENTERPRISES INC.**  
2800 Richter Ave., Suite C  
Oroville, CA 95966  
Office: (530) 536-9910  
Fax: (530) 536-9910  
E-Mail: nespa@nespa.com  
Web Site: www.nespa.com  
ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES



**Colorado Poolscoapes, Inc.**  
Pool & Spa Builders  
Glenwood Springs, Colorado  
Phone 970.945.8775  
Fax 970.945.8227

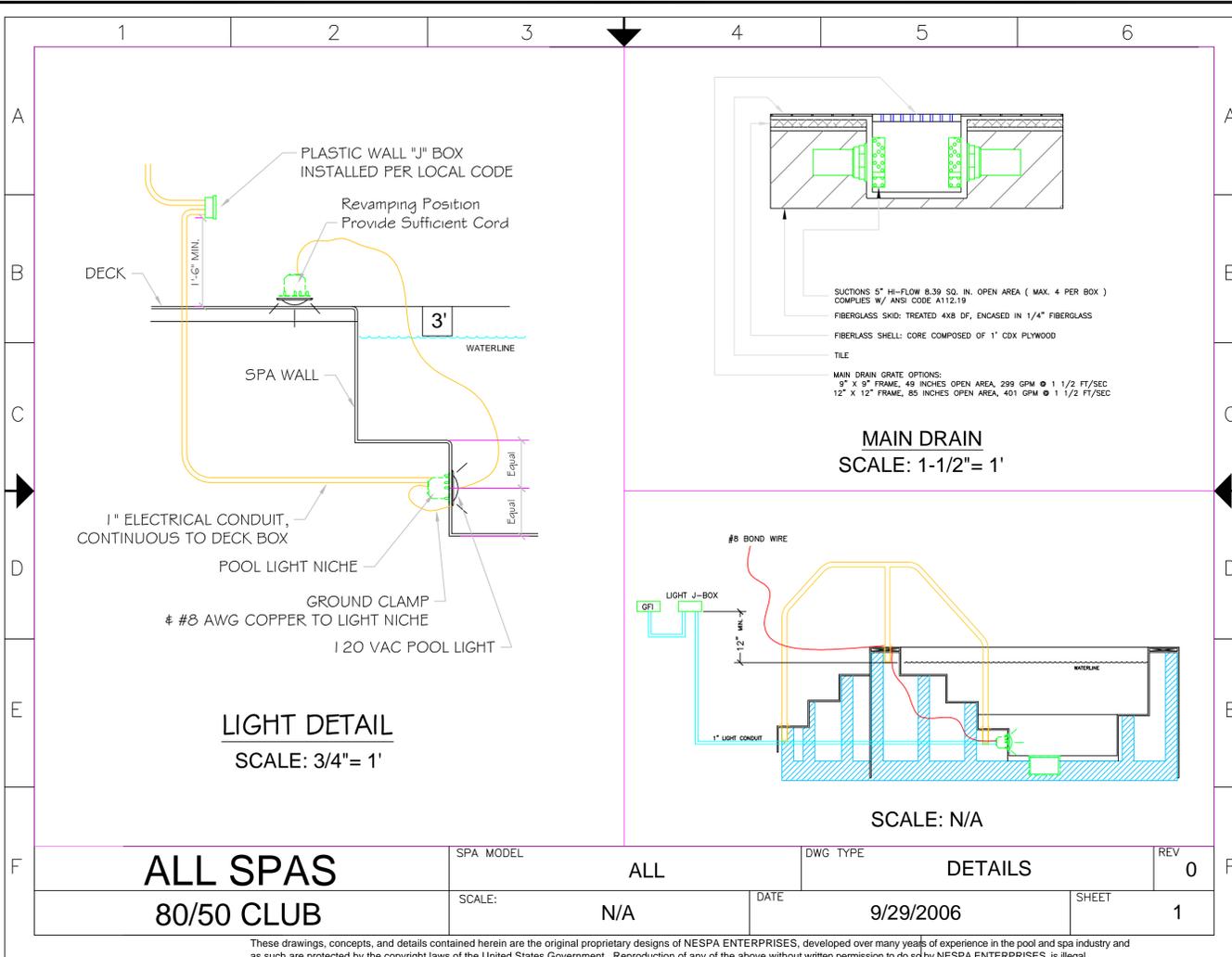
**80/50 PRIVATE RESIDENCE CLUB**  
BLDG. A ROOF GARDEN  
MAMMOTH LAKE, CA

| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/16/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: FILE NAME:  
TLED SPAS 80\_50 CLUB DWG

**SPA ELECTRICAL LAYOUT**

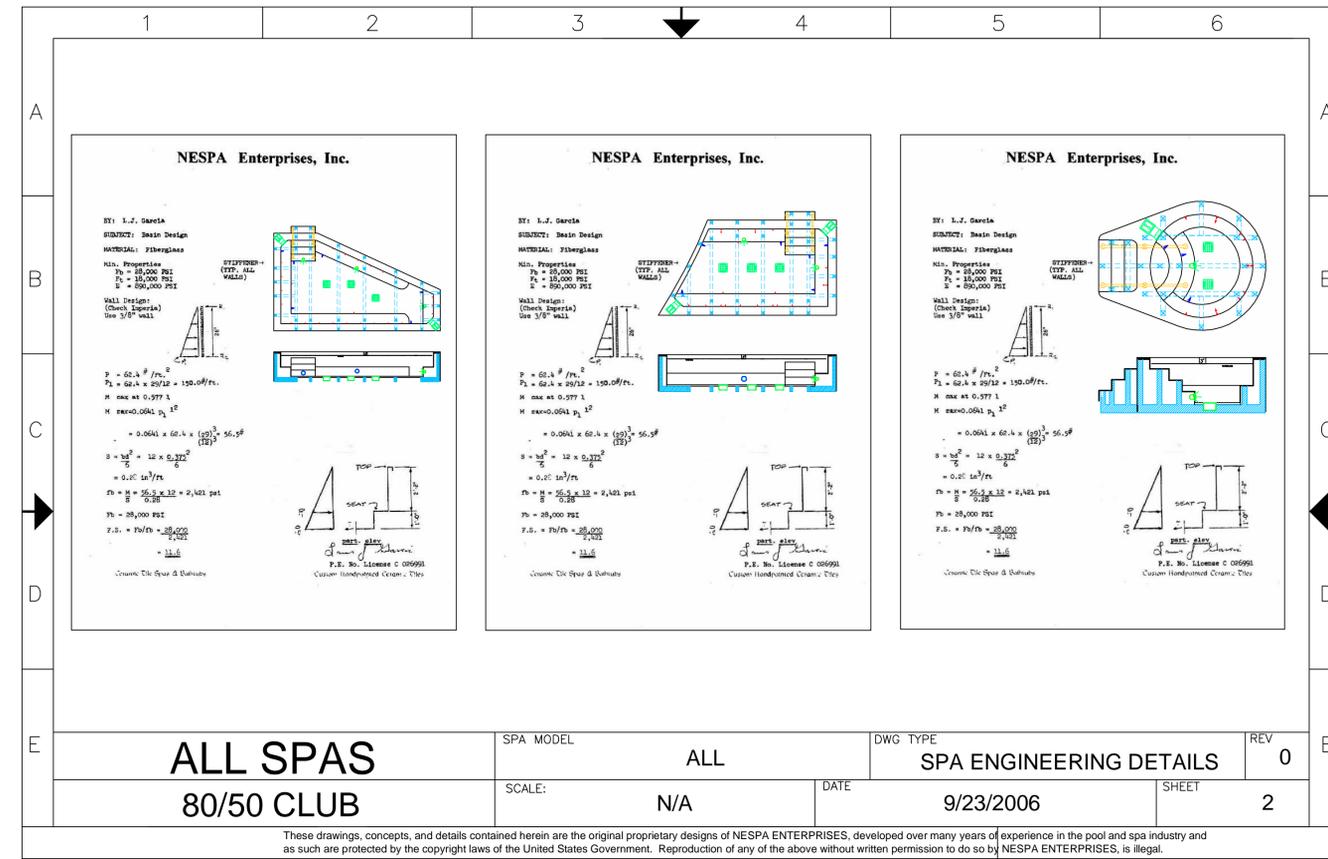
**SPA.7**



- POOL BONDING REQUIREMENTS:**
- THE FOLLOWING PARTS SHALL BE BONDED TOGETHER AND CONNECTED TO THE COMMON BONDING GRID.
    - ALL THE METALLIC PARTS OF THE POOL STRUCTURE INCLUDING COPING STONES, DECK, PERMANENT PLAY STRUCTURES, PERMANENT EXERCISE STRUCTURES.
    - ALL METAL FITTINGS WITHIN OR ATTACHED TO THE POOL STRUCTURE
    - METAL PARTS ASSOCIATED WITH THE POOL WATER CIRCULATING SYSTEM, INCLUDING PUMPS, FILTERS, AND HEATERS.
    - METAL PARTS ASSOCIATED WITH POOL COVERS
    - METAL SHEATHED CABLES AND RACEWAYS, METAL PIPING AND ALL FIXED METAL PARTS WITHIN 5 FEET HORIZONTALLY OF INSIDE WALLS OF POOL AND WITHIN 12 FEET ABOVE MAXIMUM WATER LEVEL OF POOL.
    - METAL PARTS ASSOCIATED WITH OBSERVATION STANDS, TOWERS, PLATFORMS, AND DIVING STRUCTURES.
  - BONDING CONDUCTORS SHALL BE MINIMUM #8 SOLID COPPER, INSULATED E.C. SHALL COORDINATE APPROVED CONNECTOR TYPE AND METHOD WITH LOCAL ELECTRICAL AND/OR POOL INSPECTOR.
  - SPECIFIC MANUFACTURER'S INSTRUCTIONS REGARDING BONDING OR GROUNDING OF POOL EQUIPMENT, WHETHER INDICATED HEREIN OR NOT, SHALL BE STRICTLY FOLLOWED.
  - THE COMMON BONDING GRID SHALL NOT BE CONNECTED TO ANY ELECTRICAL DISTRIBUTION EQUIPMENT.
  - ANY PARTS IN ADDITION TO THOSE DESCRIBED HEREIN THAT ARE INDICATED BY POOL CONTRACTOR OR LOCAL INSPECTION AUTHORITY SHALL BE BONDED TO THE COMMON BONDING GRID WITH NO ADDITIONAL COSTS INCURRED BY THE OWNER.
  - THE ELECTRICAL CONTRACTOR SHALL COORDINATE BONDING WITH GENERAL CONTRACTOR.

|                                      |                   |                     |          |
|--------------------------------------|-------------------|---------------------|----------|
| <b>ALL SPAS</b><br><b>80/50 CLUB</b> | SPA MODEL<br>ALL  | DWG TYPE<br>DETAILS | REV<br>0 |
| SCALE:<br>N/A                        | DATE<br>9/29/2006 | SHEET<br>1          |          |

These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES, developed over many years of experience in the pool and spa industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES, is illegal.



| QTY. | EQUIPMENT NAME                      | VOLT    | PHASE | HP/W   | AMPS EA. | CIRCUIT EA. | LOCATION                                  | CONTROLS OR INTERLOCKING  |
|------|-------------------------------------|---------|-------|--------|----------|-------------|---|---|
| 1    | EAST SPA PUMP                       | 208     | 1     | 3 HP   | 11 A     | 15 A        | EQUIPMENT ROOM                            | STARTER, INTERLOCKED W/ GAS HEATER                              |
| 2    | EAST SPA JET PUMP                   | 208     | 1     | 3 HP   | 11 A     | 15 A        | EQUIPMENT ROOM                            | CONTROLS NEAR SPA   |
| 1    | EAST SPA CONTROL SYSTEM             | 115/230 | 1     | -      | < 5 A    | 10 A        | EQUIPMENT ROOM<br>SPA SIDE CONTROLS @ SPA | SPA CONTROL CONDUIT BY PC<br>JET CONTROL AND EMERGENCY SHUT-OFF |
| 2    | EAST SPA HEAT EXCHANGER 400 MBH     | -       | -     | -      | -        | -           | EQUIPMENT ROOM                            | INTERLOCKED W/ CIRC. PUMPS<br>CONTROLS BY MC                    |
| 2    | EAST SPA UNDERWATER LIGHTS          | 115     | 1     | 100 W  | -        | 15 A GFI    | SPA                                       | CONDUIT, TO J-BOX, TO CONTROLS<br>& BONDING BY EC               |
| 2    | WEST SPA PUMP                       | 208     | 1     | 1.5 HP | 6.4 A    | 10 A        | EQUIPMENT ROOM                            | STARTER, INTERLOCKED W/ GAS HEATER                              |
| 2    | WEST SPA JET PUMP                   | 208     | 1     | 3 HP   | 11 A     | 15 A        | EQUIPMENT ROOM                            | CONTROLS NEAR SPA   |
| 1    | WEST SPA CONTROL SYSTEM             | 115/230 | 1     | -      | < 5 A    | 10 A        | EQUIPMENT ROOM<br>SPA SIDE CONTROLS @ SPA | SPA CONTROL CONDUIT BY PC<br>JET CONTROL AND EMERGENCY SHUT-OFF |
| 2    | WEST SPA HEAT EXCHANGER 400 MBH     | -       | -     | -      | -        | -           | EQUIPMENT ROOM                            | INTERLOCKED W/ CIRC. PUMPS<br>CONTROLS BY MC                    |
| 3    | WEST SPA UNDERWATER LIGHTS          | 115     | 1     | 100 W  | -        | 15 A GFI    | SPA                                       |   |
| 1    | ROUND SPA PUMP                      | 208     | 1     | 1.5 HP | 6.4 A    | 10 A        | EQUIPMENT ROOM                            | STARTER, INTERLOCKED W/ GAS HEATER                              |
| 1    | ROUND SPA JET PUMP                  | 208     | 1     | 3 HP   | 11 A     | 15 A        | EQUIPMENT ROOM                            | CONTROLS NEAR SPA   |
| 1    | ROUND SPA CONTROL SYSTEM            | 115/230 | 1     | -      | < 5 A    | 10 A        | EQUIPMENT ROOM                            | SPA CONTROL CONDUIT BY PC<br>IN-HOUSE MASTER LOCATION T.B.D.    |
| 1    | ROUND SPA HEAT EXCHANGER 400 MBH    | -       | -     | -      | -        | -           | EQUIPMENT ROOM                            | INTERLOCKED W/ CIRC. PUMPS<br>CONTROLS BY MC                    |
| 1    | ROUND SPA UNDERWATER LIGHTS         | 115     | 1     | 100 W  | -        | 15 A GFI    | SPA                                       | CONDUIT, TO J-BOX, TO CONTROLS<br>& BONDING BY EC               |
| 4    | OZONE PURIFICATION SYSTEM           | 115     | 1     | -      | < 10 A   | 15 A GFI    | EQUIPMENT ROOM                            | OUTLET PROVIDED BY EC   |
| 4    | POOL WATER LEVEL CONTROL            | 115     | 1     | -      | < 5 A    | 10 A        | EQUIPMENT ROOM                            | CONDUIT TO SURGE TANK BY PC<br>OUTLET PROVIDED BY EC            |
| 4    | CHEMTROL PC5000 OR EQUIVA BY BIOLAB | 115     | 1     | -      | < 5 A    | 10 A        | EQUIPMENT ROOM                            | CONTROLS FEED PUMPS W/ SENSORS                                  |
| 4    | STENNER 45M OR EQUIVA BY BIOLAB     | 115     | 1     | -      | < 5 A    | 10 A        | EQUIPMENT ROOM                            | INTERLOCK WITH CHEM CONTROLS                                    |
| 4    | PPG SYSTEM OR EQUIVA BY BIOLAB      | 115     | 1     | 1/2 HP | 6.7 A    | 15 A        | EQUIPMENT ROOM                            | INTERLOCK WITH CHEM CONTROLS                                    |
| 1    | ADDITIONAL CIRCUIT FOR UPGRADES     | 230     | 1     | -      | -        | 40 A        | EQUIPMENT ROOM                            | CONDUIT TO SURGE TANK BY PC<br>OUTLET PROVIDED BY EC            |
| 3    | HANDICAP LIFT F-006PSLB AQUA CREEK  | 24V     | -     | -      | -        | -           | SPA SIDE                                  | OUTLET PROVIDED BY EC<br>FOR RE-CHARGING BATTERY                |

**ALL SPAS**  
**80/50 CLUB**

SPA MODEL  
ALL

DWG TYPE  
ELECTRICAL

REV  
0

SCALE:  
N/A

DATE  
9/24/2006

SHEET  
4

These drawings, concepts, and details contained herein are the original proprietary designs of NESPA ENTERPRISES, developed over many years of experience in the pool and spa industry and as such are protected by the copyright laws of the United States Government. Reproduction of any of the above without written permission to do so by NESPA ENTERPRISES, is illegal.

**NESPA ENTERPRISES INC.**  
2800 Richter Ave., Suite C  
Oroville, CA 95966  
Office: (930) 534-9910  
Fax: (930) 534-9915  
www.nespa.com  
www.tilespa.com  
ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES

**Colorado Poolscape, Inc.**  
Pool & Spa Builders  
Glenwood Springs, Colorado  
Phone 970.945.8775  
Fax 970.945.8227

**80/50 PRIVATE RESIDENCE CLUB**  
BLDG. A ROOF GARDEN  
MAMMOTH LAKE, CA

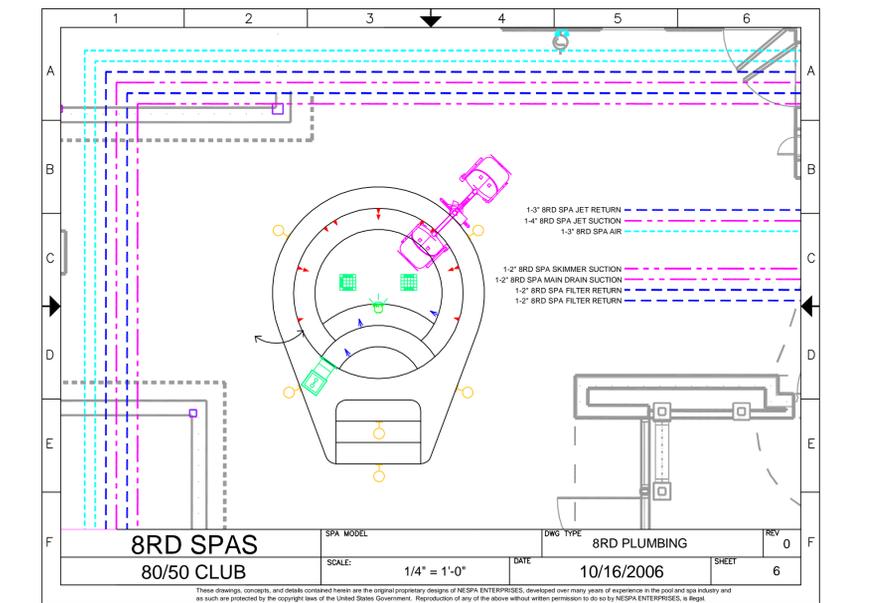
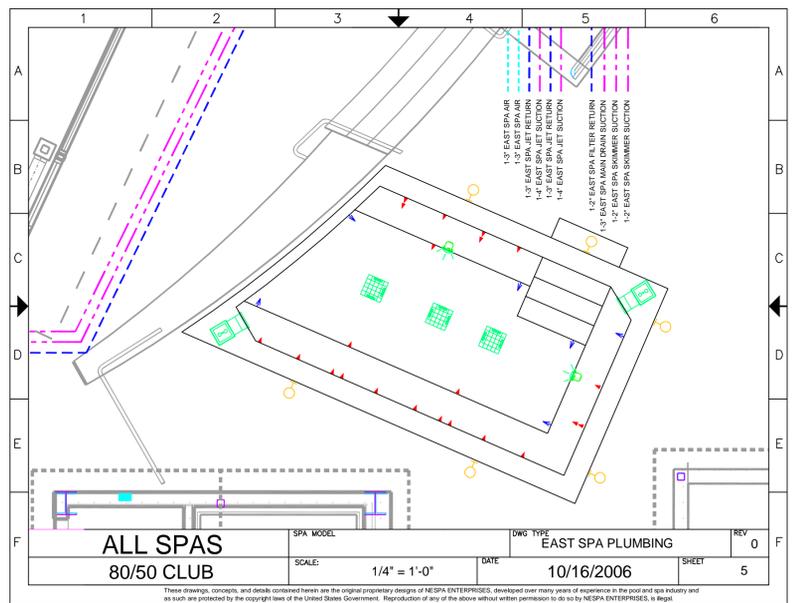
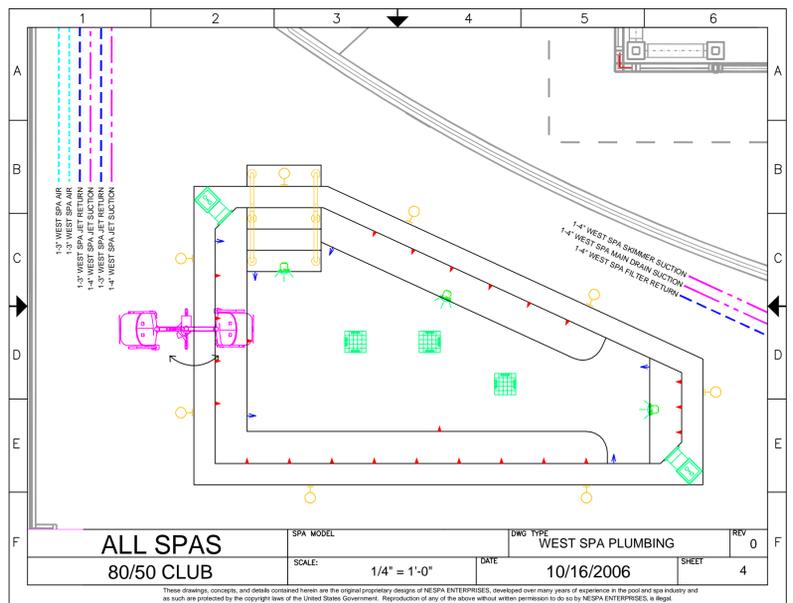
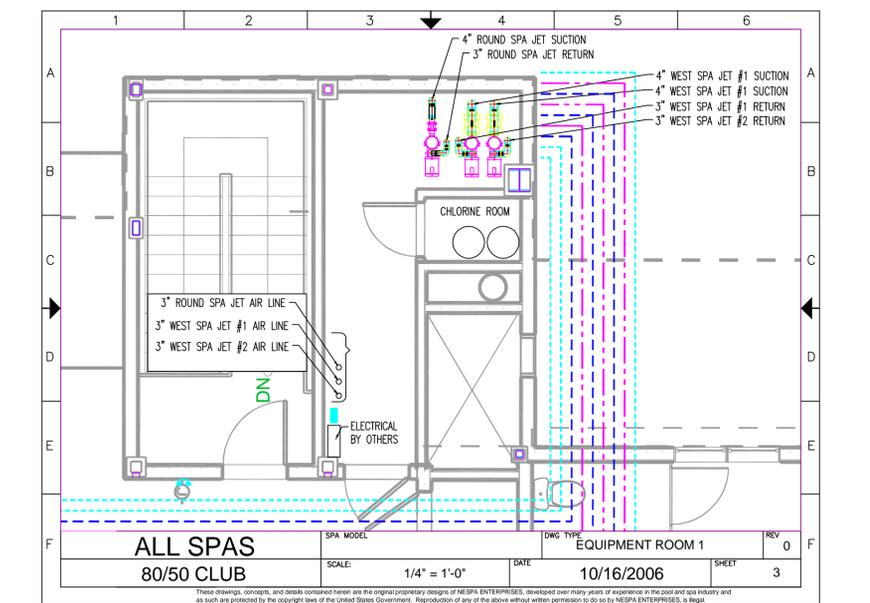
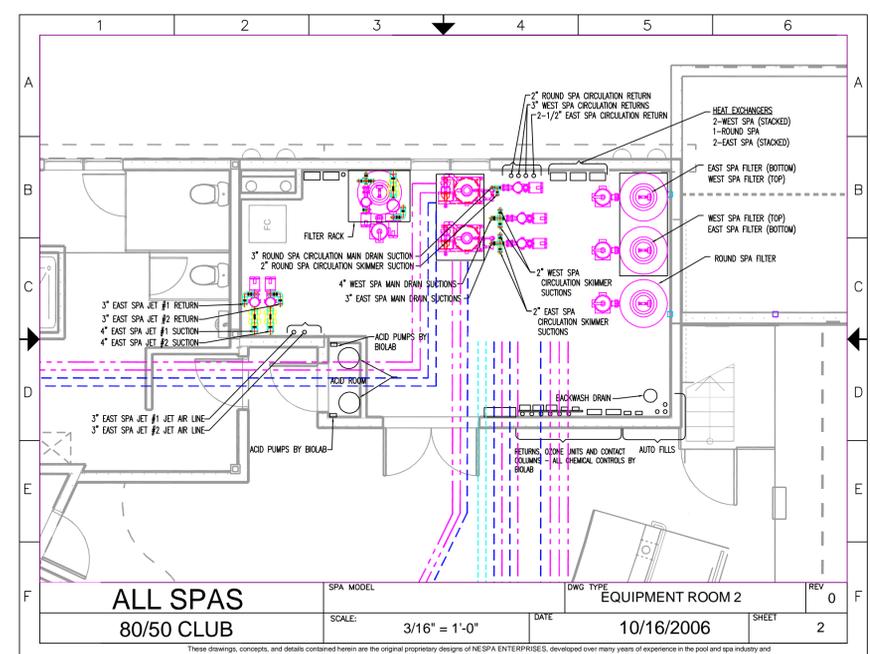
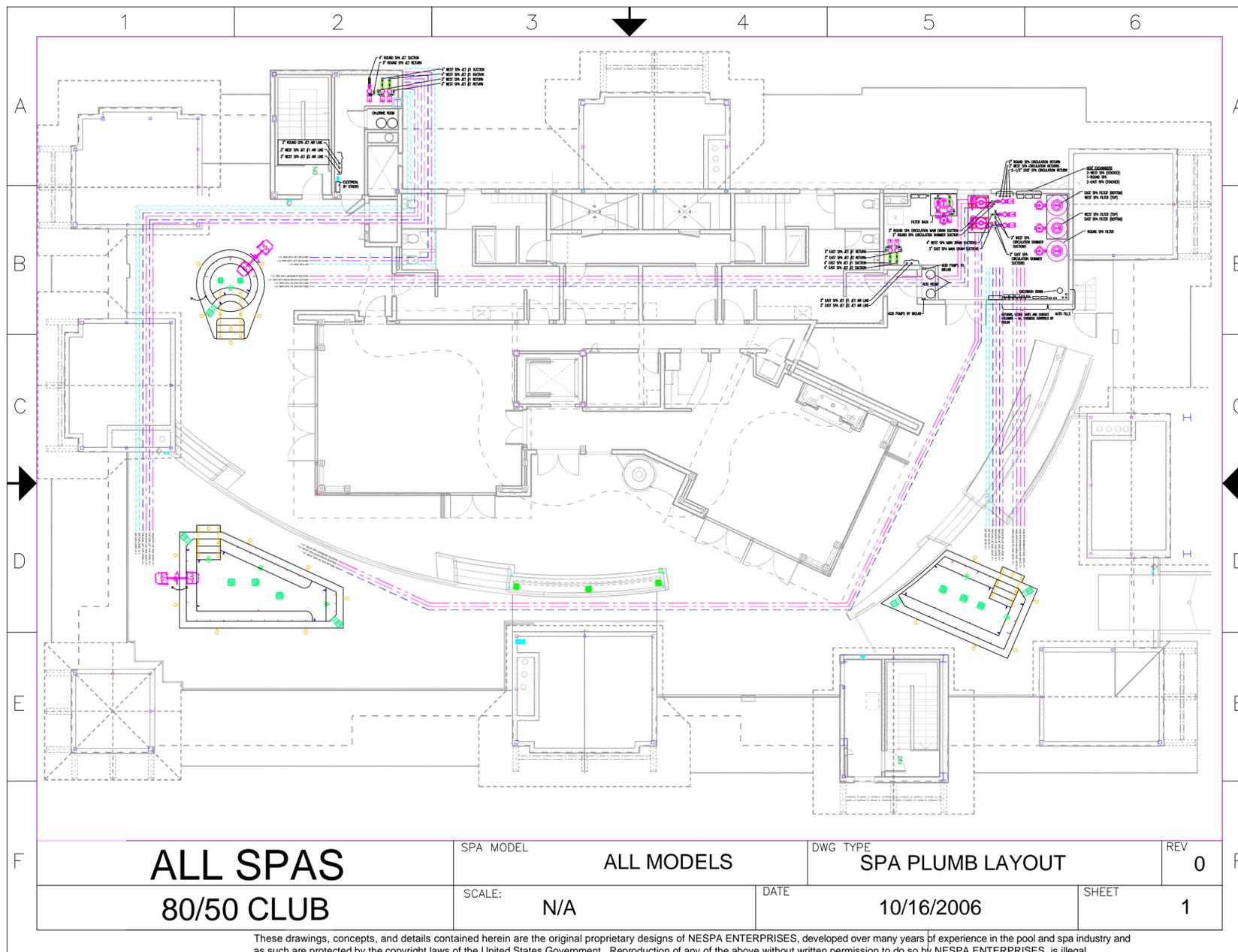
| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/19/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: FILE NAME:  
TJESD SPAS 80\_50 CLUB DWG

**SPA LAYOUT**

**SPA.8**





**NESPA ENTERPRISES INC.**  
2800 Richter Ave., Suite C  
Orville, CA 95966  
Office: (930) 536-9910  
Fax: (930) 536-9910  
E-Mail: sales@nespa.com  
Web Site: www.nespa.com  
ALL DIMENSIONS SUBJECT TO 1/4" TOLERANCES



**Colorado Poolscoapes, Inc.**  
**Pool & Spa Builders**  
Glenwood Springs, Colorado  
Phone 970.945.8775  
Fax 970.945.8227

SEAL:

**80/50 PRIVATE**  
**RESIDENCE CLUB**  
BLDG. A ROOF GARDEN  
MAMMOTH LAKE, CA

| DATE    | ISSUE/REVISION |
|---------|----------------|
| 9/16/06 | SPA DWGS       |
|         |                |
|         |                |
|         |                |
|         |                |
|         |                |

DRAWN BY: FILE NAME:  
TILED SPAS 80\_50 CLUB DWG

**SPA PLUMBING**  
**LAYOUT**

**SPA.10**