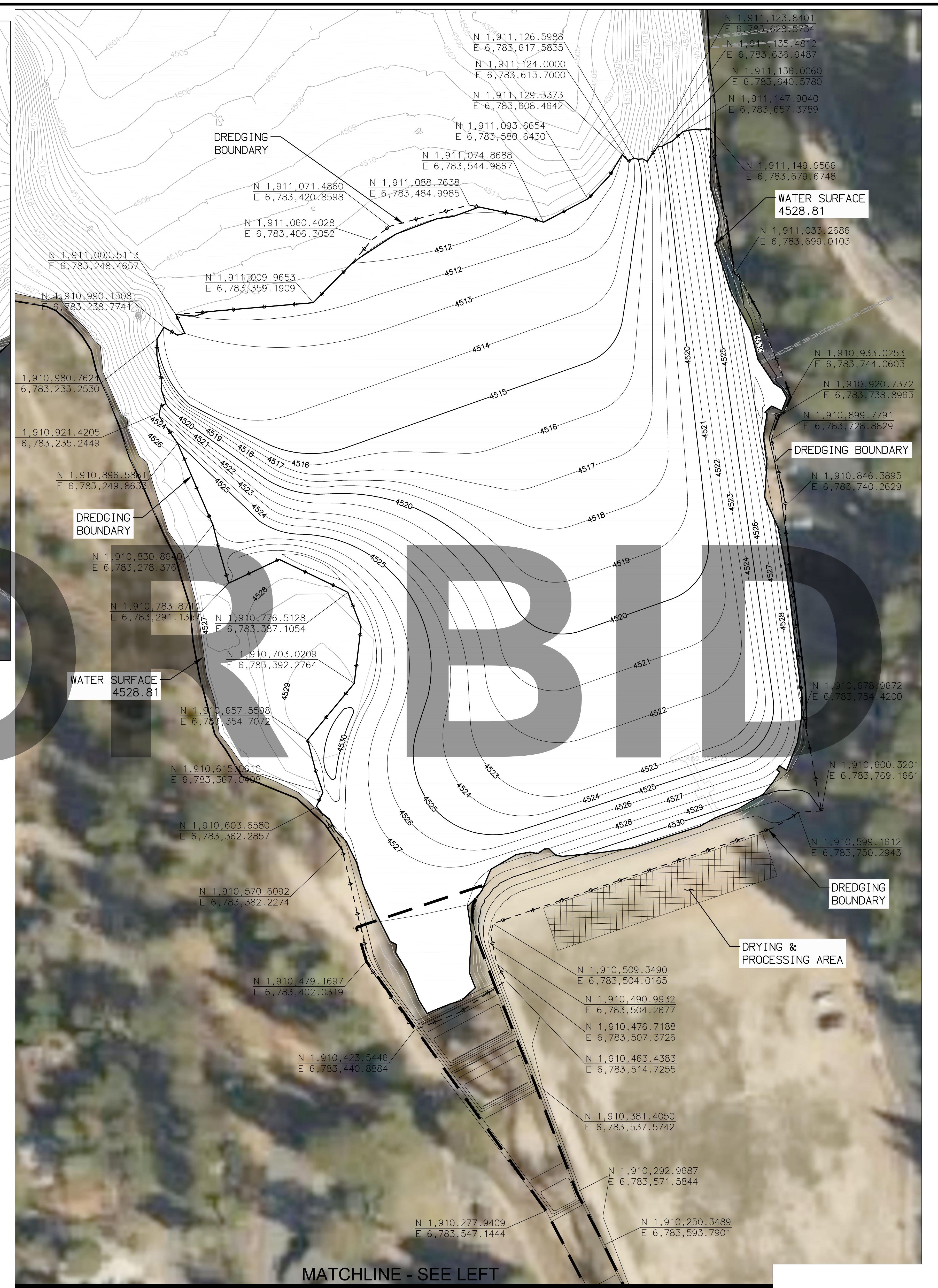


SOUTH BEACH

MATCHLINE - SEE RIGHT SCALE: 1"=40'



SOUTH LAKE AND SAN MORITZ CHANNEL/BASINS

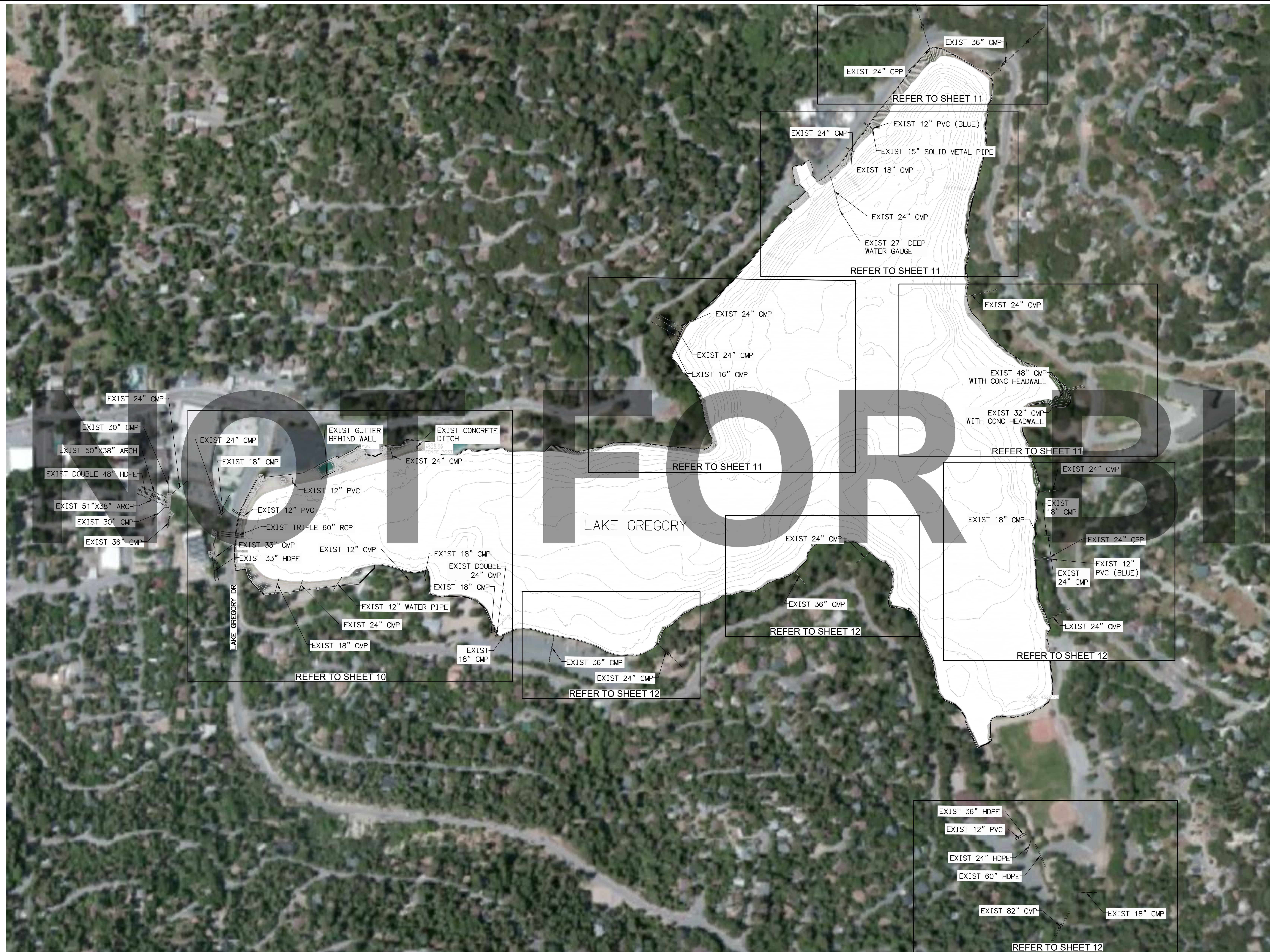
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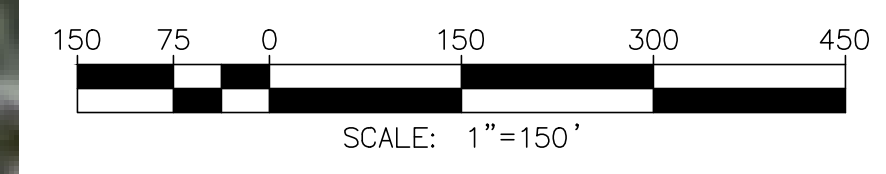
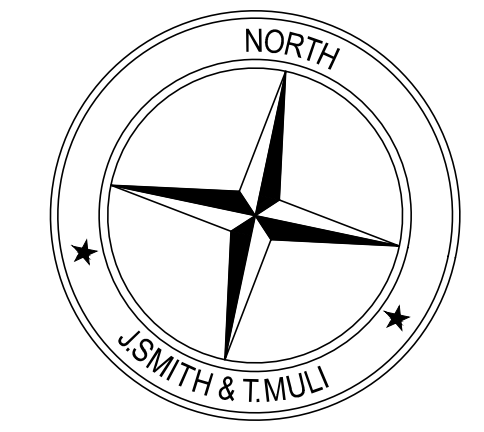
SAN MORITZ CHANNEL/ BASINS

SCALE: 1"=40'

<p>UNDERGROUND SERVICE ALERT Call: TOLL FREE 1-800-227-2600 OR 811 TWO WORKING DAYS BEFORE YOU DIG</p>	<p>BENCHMARK: ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP. SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'</p>	<p>BASIS OF BEARINGS: BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, CCS83 (2011) EPOCH 2010.00, ZONE 05, DEFINED LOCALLY BY NGS PID'S EWPP, PS98, & P470 ACCORDING TO THE GEODETIC POSITIONS AS PUBLISHED BY NGS. ALL DISTANCES AND COORDINATES ARE REFERENCED TO CCS83 ZONE 05 GRID AND ARE EXPRESSED IN US SURVEY FOOT UNITS.</p>	<p>J. SMITH & T. MULI 33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675 Phone: (949) 329-3639 • JSTMINC.COM JONIS C. SMITH 068654 09/08/2023 PROFESSIONAL ENGINEER R.C.E. No. DATE</p>	<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		MARK	DATE	INITIAL	DESCRIPTION					<p>PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS</p> <table border="1"> <thead> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>ASSISTANT DIRECTOR</td> <td> </td> </tr> <tr> <td>PROJECT MANAGER</td> <td> </td> </tr> <tr> <td>OPS. DIVISION MANAGER</td> <td> </td> </tr> <tr> <td>PM. DIVISION MANAGER</td> <td> </td> </tr> </tbody> </table>		APPROVALS	DATE	ASSISTANT DIRECTOR		PROJECT MANAGER		OPS. DIVISION MANAGER		PM. DIVISION MANAGER		<p>IMPROVEMENT PLANS</p> <p>LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT CRESTLINE, CALIFORNIA</p>		<p>DWG NO. XX.XX.XXXX</p> <p>FILE NO. XXX-XXX</p> <p>SHEET 8 OF 17</p>
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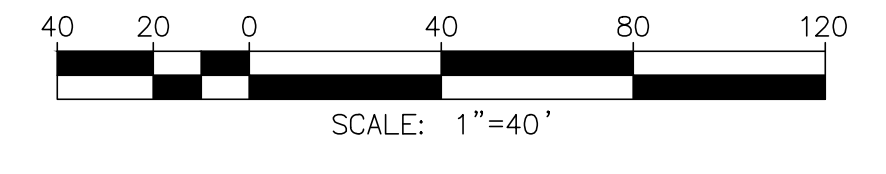
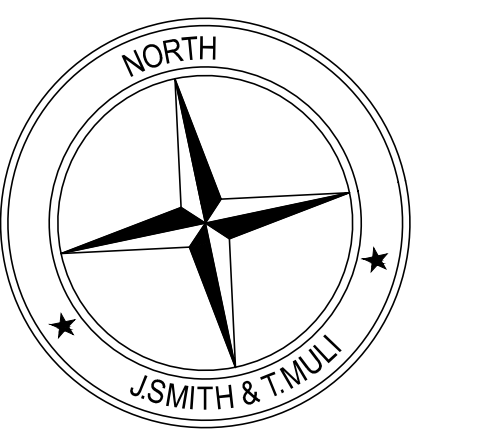


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CONSTRUCTION NOTES

- 17 SAWCUT CMP AT PIPE PENETRATION POINT. INSTALL TYPE 2 STRAIGHT CONCRETE HEADWALL PER DETAIL 18 ON SHEET 13
- 18 SAWCUT EXISTING CMP SECTION, AND INSTALL TYPE 1 STRAIGHT CONCRETE HEADWALL PER DETAIL 17 ON SHEET 13
- 20 CONSTRUCT 10'X10' RIPRAP ENERGY DISSIPATOR PER PLAN AND DETAIL 20 ON SHEET 14

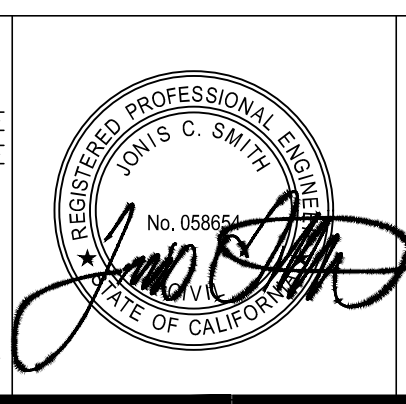


WEST BASIN AND WEST BEACH SIDE

UNDERGROUND SERVICE ALERT
 Call: TOLL FREE
 1-800-227-2600
 OR
 811
 TWO WORKING DAYS BEFORE YOU DIG

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J. SMITH & T. MULI
 33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675
 Phone: (949) 329.3639 • JSTMINC.COM
 JONIS C. SMITH 058854 09/08/2023
 PROFESSIONAL ENGINEER R.C.E. No. DATE

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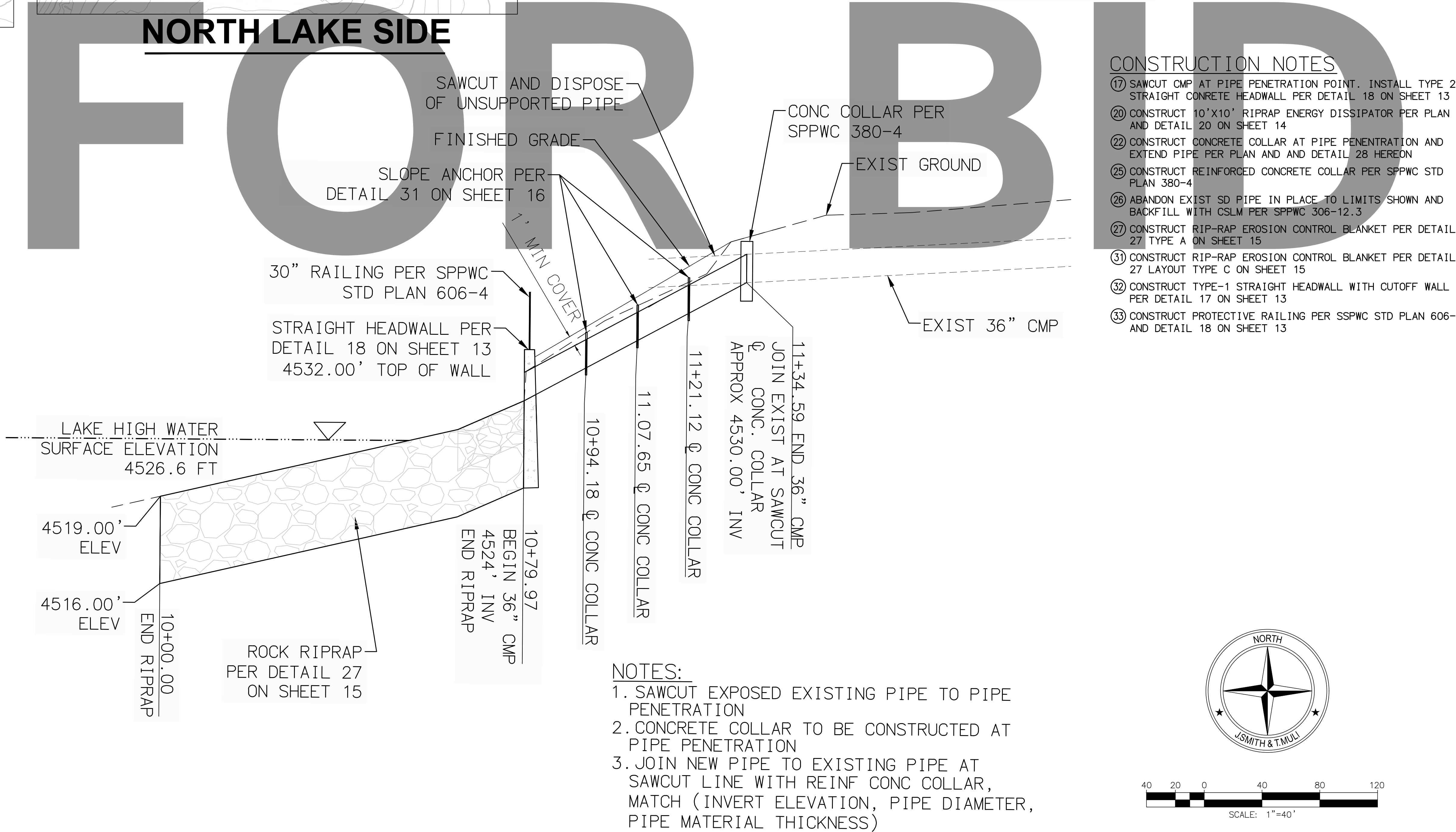
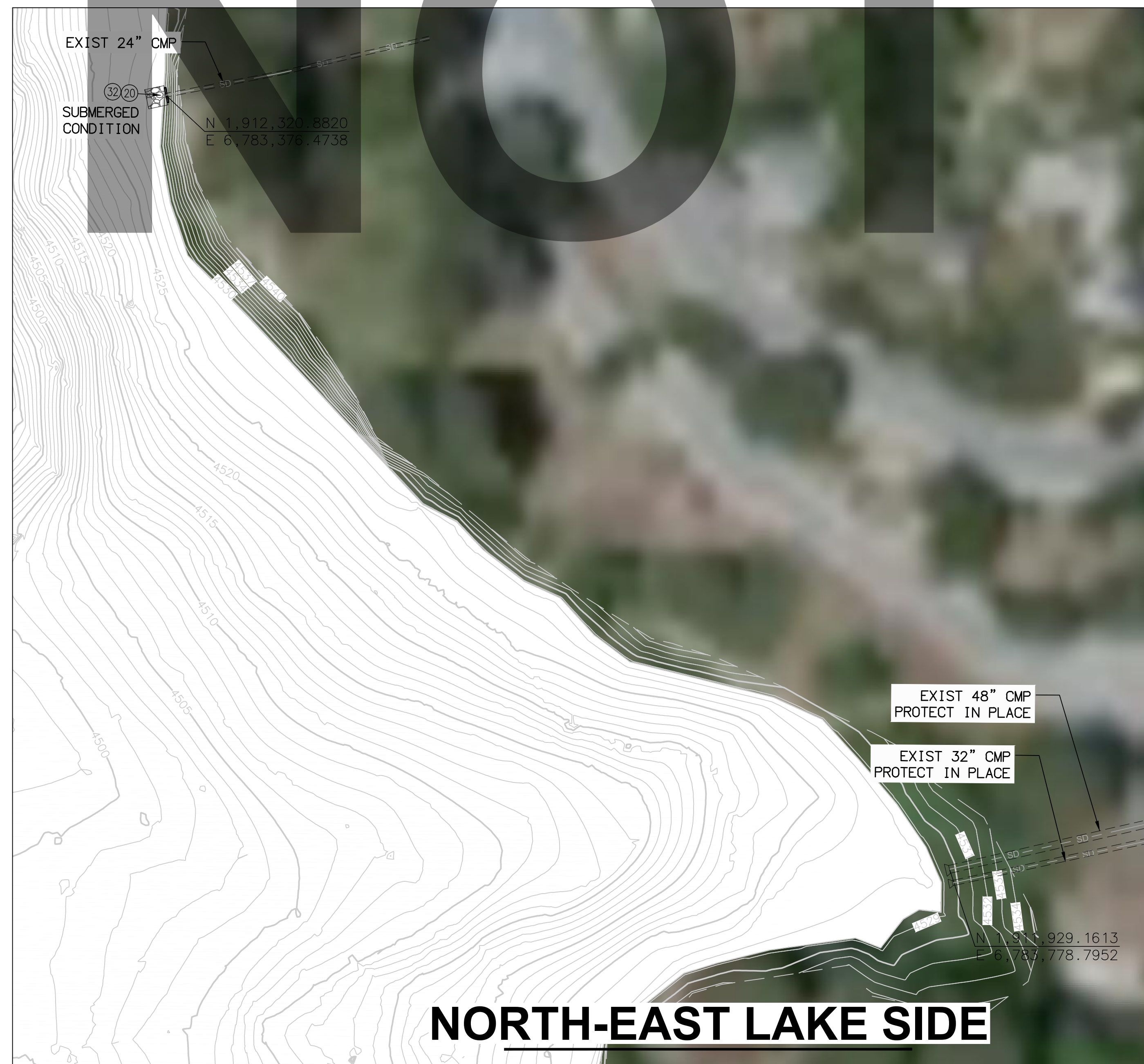
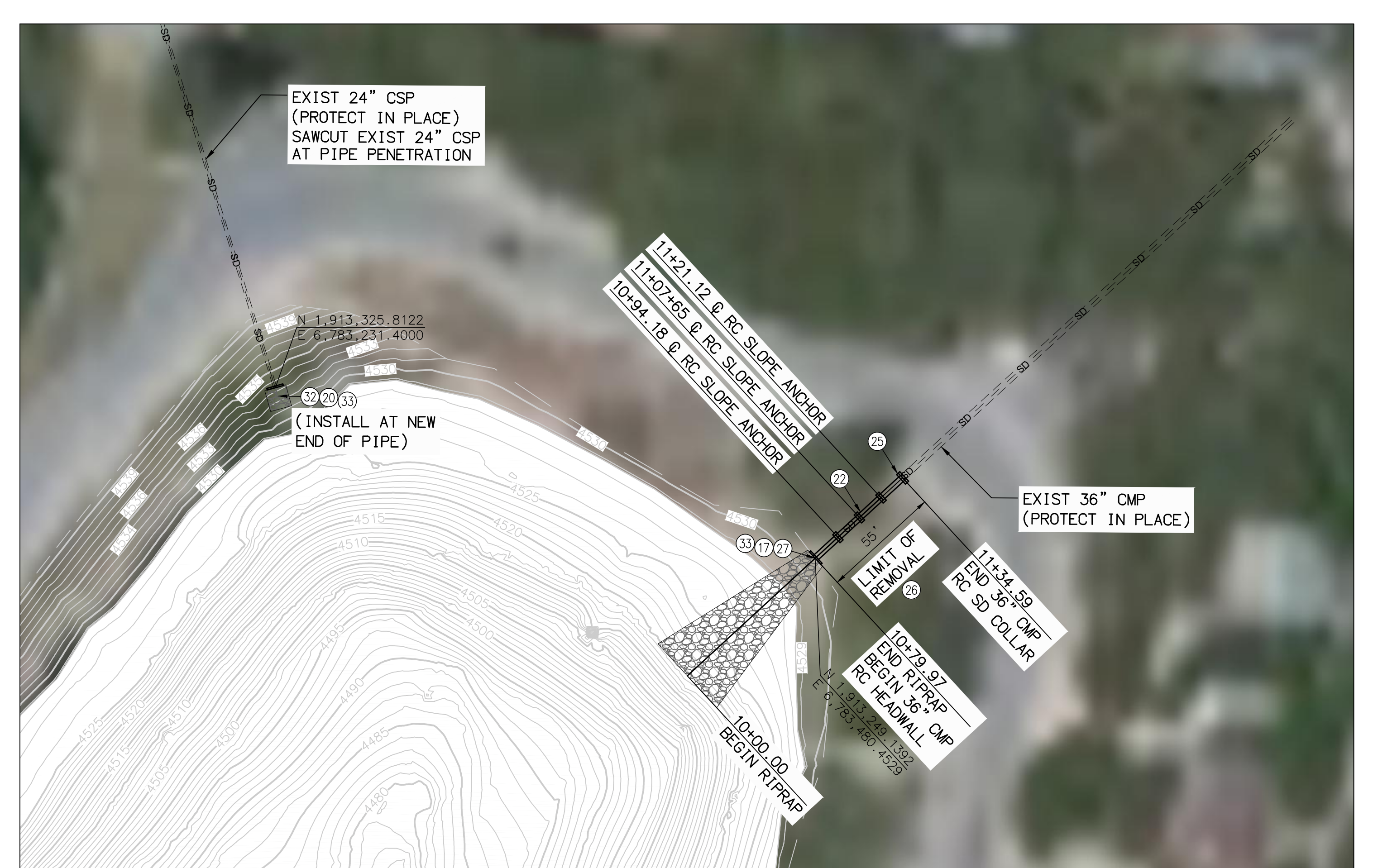
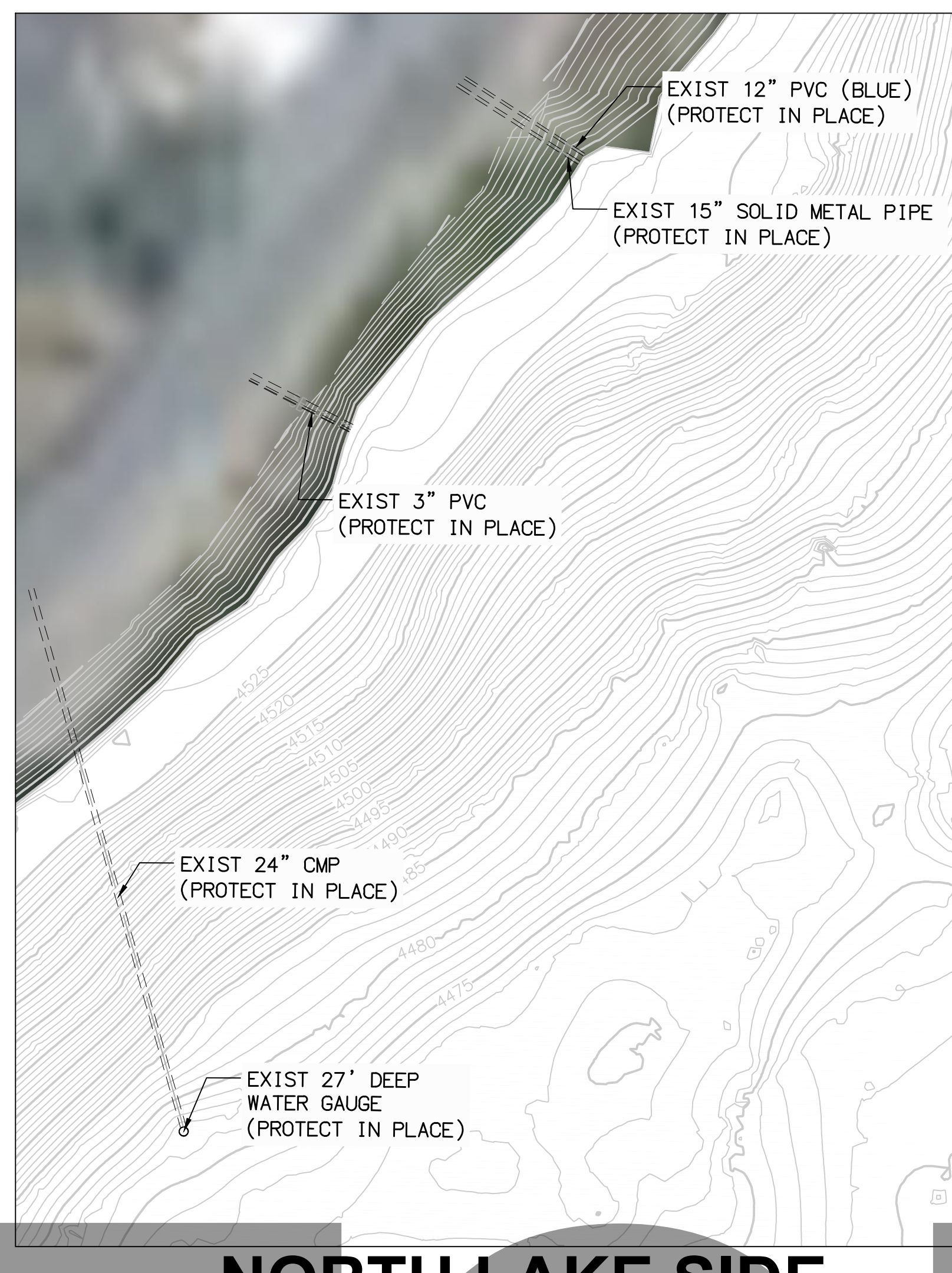
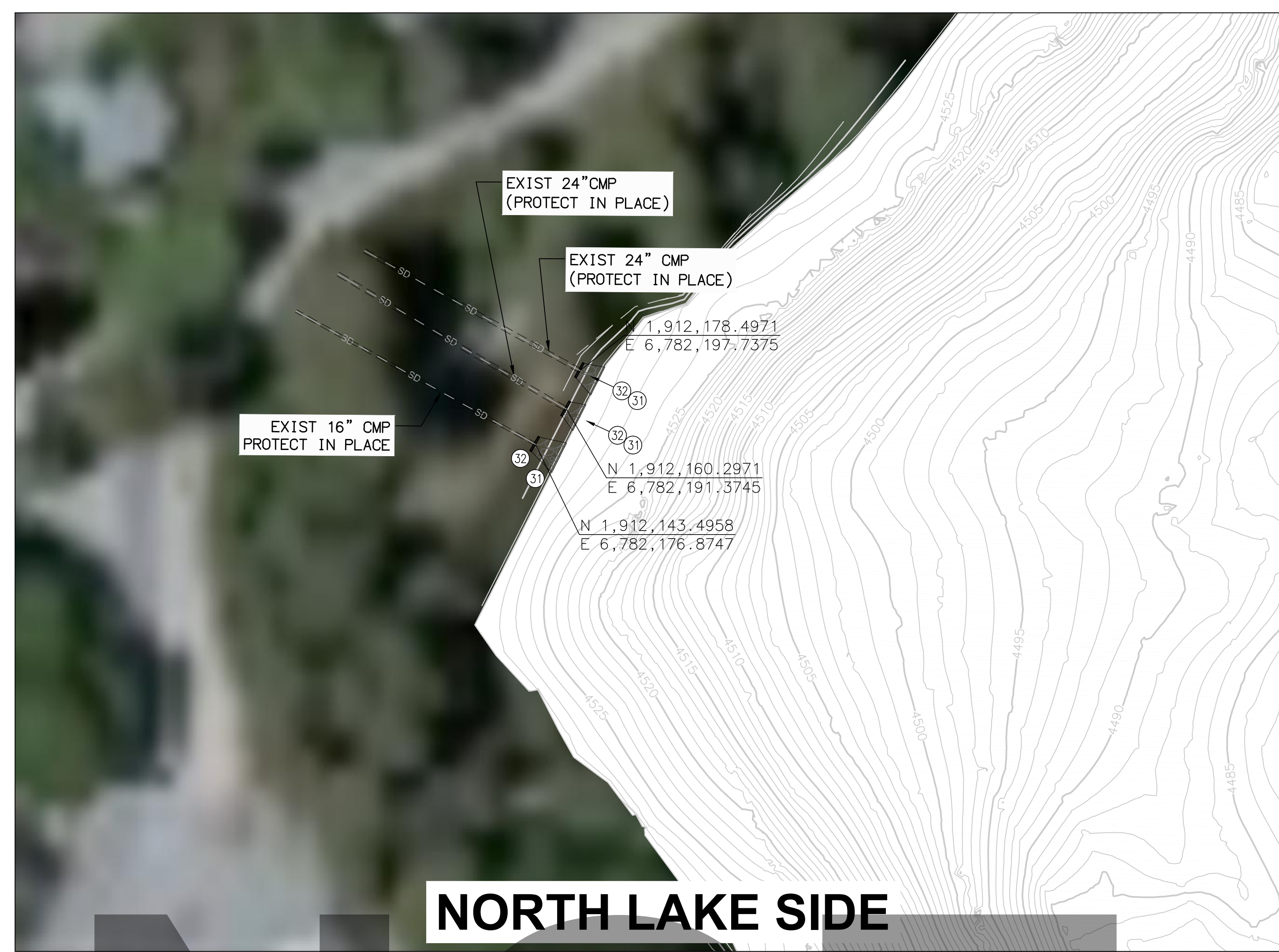
PLANS APPROVED BY:
SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS

APPROVALS	ASSISTANT DIRECTOR	DATE

IMPROVEMENT PLANS
 LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT
 SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT
 CRESTLINE, CALIFORNIA
 PROPOSED IMPROVEMENTS AT EXISTING LAKE INLETS

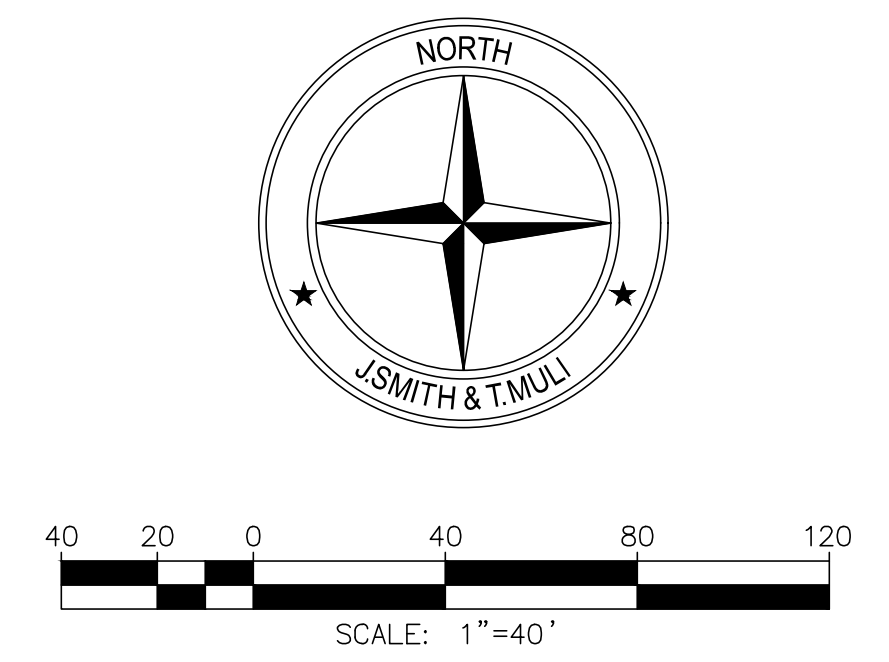
DWG NO. XX.XX.XXXX
 FILE NO. XXX-XXX
 SHEET 10 OF 17

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- CONSTRUCTION NOTES**
- 17 SAWCUT CMP AT PIPE PENETRATION POINT. INSTALL TYPE 2 STRAIGHT CONCRETE HEADWALL PER DETAIL 18 ON SHEET 13
 - 20 CONSTRUCT 10'X10' RIPRAP ENERGY DISSIPATOR PER PLAN AND DETAIL 20 ON SHEET 14
 - 22 CONSTRUCT CONCRETE COLLAR AT PIPE PENETRATION AND EXTEND PIPE PER PLAN AND DETAIL 28 HEREDON
 - 25 CONSTRUCT REINFORCED CONCRETE COLLAR PER SPPWC STD PLAN 380-4
 - 26 ABANDON EXIST SD PIPE IN PLACE TO LIMITS SHOWN AND BACKFILL WITH CSLM PER SPPWC 306-12.3
 - 27 CONSTRUCT RIP-RAP EROSION CONTROL BLANKET PER DETAIL 27 TYPE A ON SHEET 15
 - 31 CONSTRUCT RIP-RAP EROSION CONTROL BLANKET PER DETAIL 27 LAYOUT TYPE C ON SHEET 15
 - 32 CONSTRUCT TYPE-1 STRAIGHT HEADWALL WITH CUTOFF WALL PER DETAIL 17 ON SHEET 13
 - 33 CONSTRUCT PROTECTIVE RAILING PER SPPWC STD PLAN 606-4 AND DETAIL 18 ON SHEET 13

- NOTES:**
1. SAWCUT EXPOSED EXISTING PIPE TO PIPE PENETRATION
 2. CONCRETE COLLAR TO BE CONSTRUCTED AT PIPE PENETRATION
 3. JOIN NEW PIPE TO EXISTING PIPE AT SAWCUT LINE WITH REINF CONC COLLAR, MATCH (INVERT ELEVATION, PIPE DIAMETER, PIPE MATERIAL THICKNESS)



28 STORM DRAIN CONSTRUCTION DETAIL
NOT TO SCALE

<p>UNDERGROUND SERVICE ALERT</p> <p>Call: TOLL FREE 1-800-227-2600 OR 811</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>BENCHMARK:</p> <p>ELEVATIONS SHOWN HEREON ARE EXPRESSED IN THE U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND DEFINED LOCALLY USING THE ORTHOMETRIC HEIGHT FOR CORS STATION EWPP.</p> <p>SITE BENCHMARK AT POINT NO. 7000 DERIVED FROM STATIC OBSERVATIONS. ELEVATION = 4587.05'</p>	<p>BASIS OF BEARINGS:</p> <p>BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, CCS83 (2011) EPOCH 2010.00, ZONE 05, DEFINED LOCALLY BY NGS PID'S EWPP, PS98, & P470 ACCORDING TO THE GEODETIC POSITIONS AS PUBLISHED BY NGS. ALL DISTANCES AND COORDINATES ARE REFERENCED TO CCS83 ZONE 05 GRID AND ARE EXPRESSED IN US SURVEY FOOT UNITS.</p>	<p>J. SMITH & T. MULI J&TM</p> <p>33161 Camino Capistrano, Suite D, San Juan Capistrano, CA 92675 Phone: (949) 329.3639 • JSTMINC.COM</p> <p>JONIS C. SMITH 058654 09/08/2023 PROFESSIONAL ENGINEER R.C.E. No. DATE</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>MARK</th> <th>DATE</th> <th>INITIAL</th> <th>DESCRIPTION</th> <th>APPR. DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	MARK	DATE	INITIAL	DESCRIPTION	APPR. DATE						<p>PLANS APPROVED BY: SAN BERNARDINO COUNTY - PUBLIC WORKS SPECIAL DISTRICTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ASSISTANT DIRECTOR</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <p>APPROVALS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJECT MANAGER</th> <th>INITIAL</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>OPS. DIVISION MANAGER</td> <td> </td> <td> </td> </tr> <tr> <td>PM. DIVISION MANAGER</td> <td> </td> <td> </td> </tr> </tbody> </table>	ASSISTANT DIRECTOR	DATE			PROJECT MANAGER	INITIAL	DATE				OPS. DIVISION MANAGER			PM. DIVISION MANAGER			<p>IMPROVEMENT PLANS</p> <p>LAKE GREGORY SITEWIDE SEDIMENT MANAGEMENT PROJECT SAN BERNARDINO COUNTY REGIONAL PARKS DEPARTMENT CRESTLINE, CALIFORNIA</p> <p>PROPOSED IMPROVEMENTS AT EXISTING LAKE INLETS</p>	<p>DWG NO. XX.XX.XXXX</p> <p>FILE NO. XXX-XXX</p> <p>SHEET 11 OF 17</p>
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