1. THE SPECIFICATIONS FOR THIS PROJECT ARE LISTED BELOW AND ARE IDENTIFIED IN ALL APPLICABLE REGULATIONS.

2. THE NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, WILL BE THE BASE FOR ISSUANCE OF THE CONTRACT.

3. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. LATEST EDITIONS OF THE Specifications, WHERE THERE ARE DIFFERENCES, WILL PREVAIL. CONTRACTOR IS DISTINCTLY ADVISABLE TO REVIEW THE LATEST EDITIONS PRIOR TO BIDDING.

4. THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS: SURF. SPEC. SECT.

5. THE CITY OF RIO RANCHO STANDARD SPECIFICATIONS (outside Plan Set, Various Sections) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. LATEST EDITIONS OF THE Specifications, WHERE THERE ARE DIFFERENCES, WILL PREVAIL. CONTRACTOR IS DISTINCTLY ADVISABLE TO REVIEW THE LATEST EDITIONS PRIOR TO BIDDING.

6. FOR WORKING DAYS PRIOR TO BEGINS CONSTRUCTION, THE CONTRACTOR WILL NOTIFY THE SSCAFCA PROJECT MANAGER OF THE APPROXIMATE DATE AND TIME OF COMMENCEMENT OF WORK. THE CONTRACTOR SHALL NOTIFY THE SSCAFCA PROJECT MANAGER OF THE PRECISE DATE AND TIME CONSTRUCTION IN THE PROJECT AREA WILL BEGIN. THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE SOUTHERN SANDOVAL COUNTY FORESTRY DISTRICT WITHIN 14 DAYS PRIOR TO COMMENCING CONSTRUCTION.

7. ALL WATER VALVES AND FIRE HYDRANTS REMOVED TO BE SALVAGED AND RETURNED TO CITY OF RIO RANCHO, HAUL PERMIT COSTS AND COORDINATION WITH THE CITY OF RIO RANCHO IS THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL OBTAIN A HAUL PERMIT FROM THE CITY OF RIO RANCHO TWO (2) DAYS PRIOR TO REMOVAL. THE CONTRACTOR SHALL NOTIFY THE CITY OF RIO RANCHO TWO WEEKS PRIOR TO REMOVAL OF LARGE WATER VALVES AND FIRE HYDRANTS TO ENSURE THAT THE WATER DEPARTMENT CAN INSTALL CONDUITS AND SUPPLY WATER BEFORE THE REMOVAL OCCURS. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNATED FOR REMOVAL, SHALL BE RECYCLED OR DISPOSED OF IN A MANNER THAT IS ENVIRONMENTALLY SAFE AND IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

8. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT OCCUR, THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE SSCAFCA PROJECT MANAGER IMMEDIATELY AND WORK THE CONFLICT OUT BETWEEN THE TWO PARTIES.

9. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE AT A MINIMUM DISTANCE OF 5 FEET. ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS, AND WILL REPAIR OR REPLACE ON THE PLANS. WILL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT SIDEWALK, AND PAVEMENT WHICH WILL BE REMOVED FOR CONSTRUCTION OR OTHER MEANS OF SUPPORT SHALL BE INSTALLED ON THEIR UPSTREAM SIDE.

10. CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS IN ACCORDANCE WITH THE CITY OF RIO RANCHO SITE COUNCIL'S APPROPRIATE EASEMENT LINE. THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE CITY OF RIO RANCHO'S POLICY AND PROCEDURE FOR NOTIFICATION OF OWNERS.

11. ALL SOIL VALUES AND FINE MATERIALS REMOVED TO BE SALVAGED AND RETURNED TO LIKENESS OF THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND WILL REPAIR OR REPLACE THOSE SECTIONS IN ACCORDANCE WITH THE CITY OF RIO RANCHO SPECIFICATIONS OF THE AREA.

12. ALL UTILITY POLES WILL BE ADJUSTED TO GRADE BY EACH UTILITY COMPANY. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. THE CONTRACTOR WILL NOTIFY THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED TO REMAIN AT PROJECT SITE UNLESS OTHERWISE NOTED.

13. THE CONTRACTOR WILL NOTIFY THE CITY OF RIO RANCHO TWO WEEKS PRIOR TO REMOVAL OF LARGE WATER VALVES AND FIRE HYDRANTS TO ENSURE THAT THE WATER DEPARTMENT CAN INSTALL CONDUITS AND SUPPLY WATER BEFORE THE REMOVAL OCCURS. ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNATED FOR REMOVAL, SHALL BE RECYCLED OR DISPOSED OF IN A MANNER THAT IS ENVIRONMENTALLY SAFE AND IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

14. THE CONTRACTOR WILL EMPLOY ALL NECESSARY MEASURES TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS AS REQUIRED BY APPLICABLE CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.

15. ALL REINFORCING STEEL TO BE GRADE 60.

16. ALL RIPRAP MATERIAL USED ON THIS PROJECT SHALL BE A NATURAL ROCK MATERIAL PRIOR TO COMMENCING CONSTRUCTION.

17. ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.

18. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT OCCUR, THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE SSCAFCA PROJECT MANAGER IMMEDIATELY AND WORK THE CONFLICT OUT BETWEEN THE TWO PARTIES.
CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL REMAIN WITHIN SSCAFCA R/W AND TEMPORARY CONSTRUCTION LIMITS OR OBTAINED BY SSCAFCA.

2. IN THE EVENT OF EXCESSIVE MATERIAL, IT MUST BE PLACED AT EXCESS MATERIAL LOCATIONS.

3. CONTRACTOR TO PROVIDE PRIOR NOTICE FOR HAULING SEDIMENT.

4. EMERGENCY SPILLWAY CHANNEL

KEYED NOTES:

1. ALL CONSTRUCTION SHALL REMAIN WITHIN SSCAFCA R/W AND TEMPORARY CONSTRUCTION LIMITS OR OBTAINED BY SSCAFCA.

2. IN THE EVENT OF EXCESS MATERIAL AT SEDIMENT STOCKPILE LOCATIONS:

3. PRINCIPAL SPILLWAY.

4. EMERGENCY SPILLWAY CHANNEL

LEGEND

PROPERTY LINE

SECTION A-A

EMERGENCY SPILLWAY TYPICAL CROSS SECTION

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[1] K<sub>1</sub> = mean particle size

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INSTALL CULVERT END SECTION PER NMDOT
INSTALL 20' X 20' LOW TAILWATER BASIN, PER DETAIL,
INSTALL 6' DIA. MANHOLE PER NM APWA STD. DTL. 2101
INSTALL RIPRAP BLANKET, PER DETAIL, SHEET C-509.
IDALIA RD
INSTALL TYPE II MDI PER NMDOT SERIALS
DESCRIPTION
INSTALL 20'x20' RIPRAP PLUNGE POOL PER DETAIL,
INSTALL TYPE II MDI PER NMDOT SERIALS
26 LF
PROPOSED GROUND @ PIPE CENTERLINE
INSTALL END SECTION PER DETAIL, SHEET C-509.
INSTALL STORM DRAIN INLET SINGLE 'D' PER DETAIL,

EXISTING 16" WATERLINE
INSTALL 88.39' OF 36" STORM DRAIN PIPE @ 1.82%
MODIFIED COA STANDARD DETAILS (RECENTLY ADOPTED)

PLAN VIEW - LEVEL 2 DRAIN PORTS

ELEVATION A

ELEVATION B

SECTION C

Section at corrugated metal pipe

Section at reverse incline ports

NOTES:
1. This detail can be modified with the approval of the project engineer.
2. See the G.S.N. sheet for the general structural notes and typical details.
3. This project is to have the appropriate engineer approval.
4. This detail is to have only one over the bottom edge of port opening similar to detail C-17A in the standard sheets.

LEVEL 1 PORTS

LEVEL 2 PORTS

1. 6" Concrete slab on grade.
2. 66" Corrugated metal pipe.
3. 8" Corrugated metal pipe.
4. 6" PVC formed drain port.
5. Line of excavation and compaction fill.

5'-0" 3'-10" 3'-10" 9'-0"

1'-0" 1'-0"

1'-0" 1'-6"
1. CHANNEL BOTTOM LINING TO BE AS FOLLOWS:
   FIRST 20' (STARTING AT PIPE OUTLET)
   WITH 12'' THICK GRAVEL FILTER MATERIAL
   WITH 18'' THICK GRAVEL FILTER MATERIAL
   WITH SSCAFCA "SHOTCRETE CHANNEL FULL SECTION"

2. SUBBASE CONSTRUCTION UNDER SHOTCRETE CHANNEL AND
   SIDE SLOPES SHALL BE 1:1 DEEP AND COMPACTED TO A DRY
   <1% AIR CONTENT. GRAVEL BASE SHAL BE 3' THICK AND
   SHOTCRETE GRAVITY CHANNEL 5' THICK. STOP AT INTERFACE
   BETWEEN GRAVITY CHANNEL AND REDUCT SITE. SEE THIS SHEET.

3. SHOTCRETE FINISHING SHALL BE IN ACCORDANCE WITH
   DETAIL SHEET C-102 AND SPIKE SHEET C-101.

GENERAL NOTES:

- CHANNEL BOTTOM LINING TO BE AS FOLLOWS:
- FIRST 20' (STARTING AT PIPE OUTLET)
- WITH 12'' THICK GRAVEL FILTER MATERIAL
- WITH 18'' THICK GRAVEL FILTER MATERIAL
- WITH SSCAFCA "SHOTCRETE CHANNEL FULL SECTION"