

GENERAL CONSTRUCTION NOTES

- 1. ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS AND DETAILS SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT OR DELINEATED IN THEIR ENTIRETY HEREOF.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE PROJECT'S CONDITIONS OF APPROVAL AND ABIDE BY THEIR REQUIREMENTS AS APPLICABLE.
3. BEFORE BEGINNING WORK, THE CONTRACTOR SHALL CONTACT THE UNIVERSITY'S REPRESENTATIVE (U.R.), AND SHALL DETERMINE FROM EACH: (1) SCOPE OF WORK TO BE OBSERVED AND BY WHOM, (2) SCOPE OF TESTING, AND (3) ADVANCE NOTICE REQUIRED (MINIMUM OF 48 HOURS)...

GENERAL REQUIREMENTS OF CONTRACTOR

- 1. THE CONTRACTOR SHALL MAINTAIN A COMPLETE AND ACCURATE RECORD OF ALL CHANGES OF CONSTRUCTION FROM THESE PLANS AND SPECIFICATIONS FOR THE PURPOSE OF PROVIDING A BASIS FOR CONSTRUCTION RECORD DRAWINGS. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE U.R.
2. THE CONTRACTOR SHALL PROMPTLY NOTIFY THE U.R. BY PHONE AND IN WRITING UPON DISCOVERY OF, AND BEFORE DISTURBING, ANY PHYSICAL CONDITIONS DIFFERING FROM THOSE REPRESENTED BY APPROVED PLANS AND SPECIFICATIONS.
3. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT...

TRENCHING AND BACKFILLING NOTES

- 1. WATER ENCOUNTERED IN TRENCH OR STRUCTURE EXCAVATION SHALL BE REMOVED BY THE CONTRACTOR TO THE SATISFACTION OF THE U.R. TO PROVIDE DRY CONDITIONS DURING CONSTRUCTION OF PIPE OR STRUCTURE.
2. TRENCH OR STRUCTURE EXCAVATION SUBGRADE SHALL BE OBSERVED BY THE U.R. PRIOR TO PLACEMENT OF BEDDING MATERIAL OR FORMS. WET OR UNSTABLE SOIL ENCOUNTERED IN THE BOTTOM OF THE EXCAVATION AND DEMED BY THE U.R. TO BE INCAPABLE OF PROPERLY SUPPORTING THE PIPE OR STRUCTURE BEING CONSTRUCTED...
3. ALL WORK INVOLVING EXCAVATION FOR STORM DRAIN CONDUITS AND LATERAL CONNECTIONS SHALL BE COMPLETED, OBSERVED AND APPROVED BY THE U.R. AND THE STRUCTURAL BACKFILL OBSERVED, TESTED FOR COMPACTION AND APPROVED BEFORE AGGREGATE BASE, PAVING OR OTHER PERMANENT SURFACE CONSTRUCTION MAY COMMENCE.

CAUTION

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE UNIVERSITY'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR UTILITY DESIGN TO THE UNIVERSITY'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE UNIVERSITY OR THE PROJECT.

GENERAL GRADING NOTES

- 1. GRADING SUPERVISION REQUIREMENTS SHALL BE COMPLIED WITH AS FOLLOWS:
A. LINE AND GRADE STAKES SHALL BE SET BY SURVEYORS UNDER THE GENERAL SUPERVISION OF THE U.R.
B. THE U.R. SHALL PROVIDE GENERAL REVIEW OF THE GRADING AND SUBGRADE PREPARATION AND PERFORM COMPACTION TESTING AS NECESSARY TO ENSURE QUALITY CONSTRUCTION AND COMPLY WITH THE GRADING ORDINANCE.
C. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PREPARE CONSTRUCTION MARKUPS AND SUBMIT A REPORT INDICATING THAT THE IMPROVEMENTS HAVE BEEN COMPLETED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
D. THE U.R. SHALL PROVIDE GENERAL REVIEW OF THE GRADING AND SUBGRADE PREPARATION, PERFORM COMPACTION TESTING, PERFORM "R" VALUE TESTING, RECOMMEND THE STRUCTURAL SECTION FOR THICKNESS OF PAVEMENT AND BASE DURING CONSTRUCTION, TEST AND REVIEW THE QUALITY OF PAVEMENT AND BASE, ETC.
2. NOISE GENERATING CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 7:00 PM, MONDAY THROUGH FRIDAY...

EXISTING UTILITIES

- 1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS ARE BASED ON AVAILABLE RECORD SOURCES AND ARE APPROXIMATE ONLY. THE RECORD INFORMATION MAY BE INCOMPLETE AND THE VERTICAL LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PROFILE DRAWINGS ARE ESTIMATED AND MAY BE SUBSTANTIALLY DIFFERENT FROM THE ACTUAL LOCATION. THE CONTRACTOR SHALL EXCAVATE WITH CAUTION AND VERIFY EXISTING UTILITIES FOR THEIR DEPTH AND LOCATIONS PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR REPAIR OF ANY UTILITY DAMAGE BY THE CONTRACTOR'S OPERATIONS.

DUST CONTROL NOTES

- 1. IN ADDITION TO THESE NOTES, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL DUST AND EROSION CONTROL REQUIREMENTS IDENTIFIED IN THE CONDITIONS OF APPROVAL. THE CONTRACTOR SHALL UTILIZE DUST CONTROL METHODS ON ANY DUST-PRODUCING CONDITION IN COMPLIANCE WITH REGULATIONS OF THE COUNTY OF SANTA BARBARA AIR POLLUTION CONTROL DISTRICT AND UNIVERSITY.
2. AFTER CLEARING, GRADING, EARTH MOVING, EXCAVATION OR EMBANKMENT OPERATIONS ARE COMPLETED THE ENTIRE AREA OF DISTURBED SOIL IS TO BE TREATED TO PREVENT WIND PICKUP OF THE SOIL. THIS MAY BE ACCOMPLISHED BY: A) SEEDING AND WATERING UNTIL GRASS COVER IS GROWN. B) SPREADING SOIL BINDERS. C) WETTING THE AREA DOWN, SUFFICIENT TO FORM A CRUST ON THE SURFACE WITH REPEATED SOAKING AS NECESSARY TO MAINTAIN THE CRUST AND PREVENT DUST PICKUP BY THE WIND. D) OTHER METHODS APPROVED IN ADVANCE BY THE AIR POLLUTION CONTROL BOARD.
3. WATERING OR APPLICATION OF SOIL BINDERS SHALL CONTINUE IN THE AMOUNTS NECESSARY TO CONTROL DUST UNTIL THE SITE IS SEEDED AND PLANTS ESTABLISHED.
4. THE CONSTRUCTION CONTRACTOR SHALL DESIGNATE A PERSON(S) TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING, AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFFSITE. THEIR DUTIES SHALL INCLUDE HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS.

EROSION CONTROL NOTES

- 1. THE CONTRACTOR SHALL UTILIZE THIS PLAN ONLY AS A GUIDE TO FULFILL ALL REGULATORY AND PRACTICAL REQUIREMENTS RELATED TO EROSION CONTROL AND STORM WATER POLLUTION PREVENTION.
2. CONTRACTOR SHALL REVIEW AND PERFORM ALL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS, WHICH MAY NOT BE LIMITED TO THE FEATURES DEPICTED ON THIS SHEET.
3. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
4. EROSION CONTROL DEVICES MAY BE REMOVED WHEN APPROVED BY THE UNIVERSITY'S REPRESENTATIVE IF THE GRADING OPERATIONS HAVE PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
5. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.
6. EXCEPT AS OTHERWISE APPROVED BY THE UNIVERSITY'S REPRESENTATIVE, ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR WEEKENDS WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.

SURVEY NOTES

- 1. MAPPING
TOPOGRAPHIC MAPPING WAS COMPILED AT A SCALE OF 1"=40', WITH A 1 FOOT CONTOUR INTERVAL, USING STANDARD PHOTOGRAMMETRIC METHODS AND PROCEDURES BY ARROWHEAD MAPPING CORPORATION THE AERIAL PHOTOGRAPHY USED FOR THIS MAP IS DATED JUNE 13, 2006. SUPPLEMENTAL SURVEY PREPARED BY P&S DATED MAY 6, 2014.
THIS AERIAL PHOTOGRAPHY COMPLIES WITH THE NATIONAL MAP ACCURACY STANDARDS AS FOLLOWS: VERTICAL ACCURACY = 90% OF THE POINTS TESTED SHALL BE WITHIN ONE-HALF OF THE CONTOUR INTERVAL, THE REMAINING 10% OF THE POINTS SHALL NOT EXCEED ONE CONTOUR INTERVAL.

AERIAL PHOTOGRAPHY

THE AERIAL PHOTOGRAPHY USED AS THE BACKGROUND FOR THIS MAP WAS OBTAINED ON JUNE 13, 2006 BY ARROWHEAD MAPPING CORPORATION. THE PHOTOGRAPHY HAS BEEN CONVERTED INTO A DIGITAL FORMAT AND CORRECTED FOR HORIZONTAL AND VERTICAL DISTORTION USING STANDARD PHOTOGRAMMETRIC METHODS.

2. BASIS OF BEARINGS AND COORDINATES

BEARINGS SHOWN ON THIS MAP ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, NAD 83, (CCS83) ZONE 5 GRID (EPOCH 2004.0), DEFINED LOCALLY BY CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) OPERATED BY THE CALIFORNIA SPATIAL REFERENCE CENTER. THIS SURVEY TIED TO STATIONS "COPR" AND "UCSB".
ALL DISTANCES AND COORDINATES SHOWN AS MEASURED OR CALCULATED ARE EXPRESSED IN CCS, NAD 83, ZONE V GRID US SURVEY FOOT UNITS.

THE SITE COMBINATION FACTOR IS 0.99994277 AND THE SITE MAPPING ANGLE IS -1°03'57.07". BOTH CALCULATED AT UCSB CONTROL STATION 7. SEE UCSB CONTROL NETWORK DRAWING ON FILE WITH THE UNIVERSITY AS DRAWING NUMBER 30-159. TO OBTAIN GRID LEVEL DISTANCES, MULTIPLY GRID DISTANCES BY 1.0005273, WHICH IS THE INVERSE OF THE PROJECT COMBINATION FACTOR. TO OBTAIN TRUE NORTH BEARINGS, ADD THE MAPPING ANGLE TO THE GRID BEARINGS.

4. ELEVATIONS

ELEVATIONS SHOWN HEREON ARE EXPRESSED IN U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), DEFINED LOCALLY BY CONTINUOUSLY OPERATING REFERENCE STATION, "COPR", OPERATED BY THE CALIFORNIA SPATIAL REFERENCE CENTER. http://csr.c.ucsd.edu/ ELEVATION=45.35 FEET (AT THE GEODETIC REFERENCE MARK)

5. CONTROL POINTS

Table with 5 columns: POINT, NORTHING, EASTING, ELEVATION, DESCRIPTION. Contains 5 rows of control point data.

LEGEND

LEGEND section containing ABBREVIATIONS and SYMBOLS. ABBREVIATIONS lists various materials and structures like ABAN, AC, ACP, AMD, BLDG, etc. SYMBOLS lists various features like AREA DRAIN, CATCH BASIN/DROP INLET, CLEANOUT, etc.

LINE TYPES section showing various line styles and their corresponding descriptions: EXISTING FENCE, EXISTING RETAINING WALL, EXISTING INDEX, EXISTING RECLAIMED WATER MAIN, EXISTING WATER MAIN, EXISTING ELECTRICAL LINE MAIN, EXISTING TELECOMMUNICATION LINE, EXISTING SANITARY SEWER LINE, EXISTING STREET LIGHTING LINE, PROPOSED FLOWLINE, EXISTING GAS LINE, EXISTING EDGE ASPHALT PAVING, EXISTING COMMUNICATIONS LINE, EXISTING STORM DRAIN, PROPOSED CONTOURS, PROPOSED INTERMEDIATE CONTOURS, PROPOSED CONCRETE WALL, PROPOSED STORM DRAIN MAIN, ASPHALT CONCRETE PAVEMENT, POROUS ASPHALT CONCRETE PAVEMENT, P.C. CONCRETE PAVEMENT, PERMEABLE CONCRETE PAVERS.

SHEET INDEX

Table with 2 columns: SHEET, TITLE. Lists sheets C0 through C10 and their corresponding titles like GENERAL NOTES, SITE TOPOGRAPHIC MAP, SITE DEMOLITION PLAN, etc.

1263 Bel Air Drive
Santa Barbara, CA 93101
Telephone (805) 687-9455
Facsimile (805) 687-9433

Date
11-12-13
4-16-14
5-12-14
6-20-14
8-20-14
4-15-15



UCSB Ucen Road Realignment
UCen Road
Santa Barbara, California



Drawn By P&S

Sheet

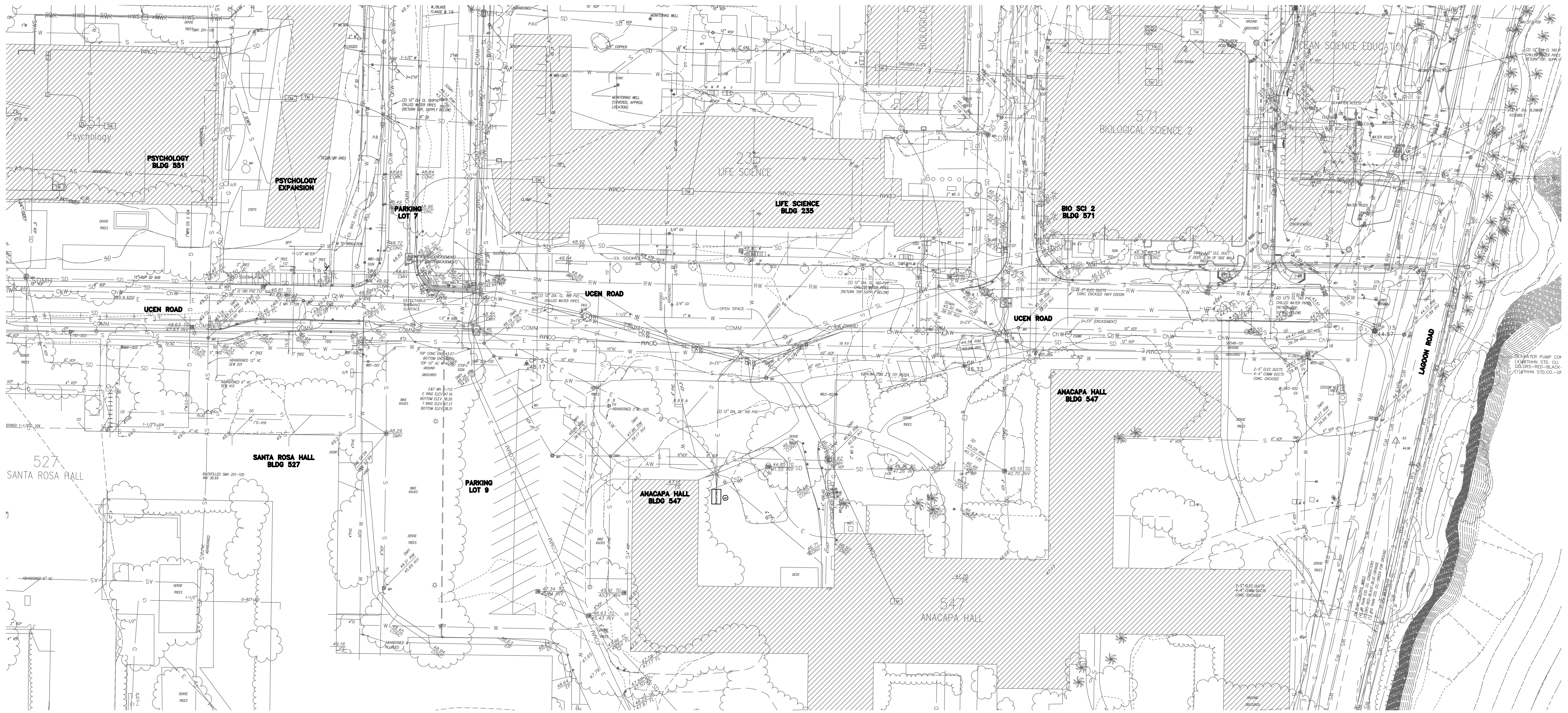
CO

Of -

GENERAL NOTES

UCSB FM NO. 140426L/986615

UCSB DWG NO. 34-388



**SURVEY NOTES**

**1. MAPPING**  
TOPOGRAPHIC MAPPING WAS COMPILED AT A SCALE OF 1"=40', WITH A 1 FOOT CONTOUR INTERVAL, USING STANDARD PHOTOGRAMMETRIC METHODS AND PROCEDURES BY ARROWHEAD MAPPING CORPORATION THE AERIAL PHOTOGRAPHY USED FOR THIS MAP IS DATED JUNE 13, 2006. SUPPLEMENTAL SURVEY PREPARED BY P&S DATED MAY 6, 2014.  
THIS AERIAL PHOTOGRAPHY COMPLIES WITH THE NATIONAL MAP ACCURACY STANDARDS AS FOLLOWS:  
VERTICAL ACCURACY - 90% OF THE POINTS TESTED SHALL BE WITHIN ONE-HALF OF THE CONTOUR INTERVAL, THE REMAINING 10% OF THE POINTS SHALL NOT EXCEED ONE CONTOUR INTERVAL.  
HORIZONTAL ACCURACY - 90% OF THE POINTS TESTED SHALL BE WITHIN 1/50TH OF AN INCH AT THE MAP SCALE, THE REMAINING 10% OF THE POINTS SHALL NOT EXCEED 1/30TH OF AN INCH AT THE MAP SCALE.

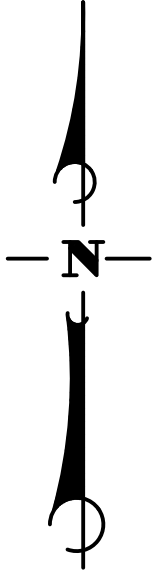
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**2. BASIS OF BEARINGS AND COORDINATES**  
BEARINGS SHOWN ON THIS MAP ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, NAD 83, (CGS83) ZONE 5 GRID (EPOCH 2004.0), DEFINED LOCALLY BY CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) OPERATED BY THE CALIFORNIA SPATIAL REFERENCE CENTER. THIS SURVEY TIED TO STATIONS "COPR" AND "UCSB".  
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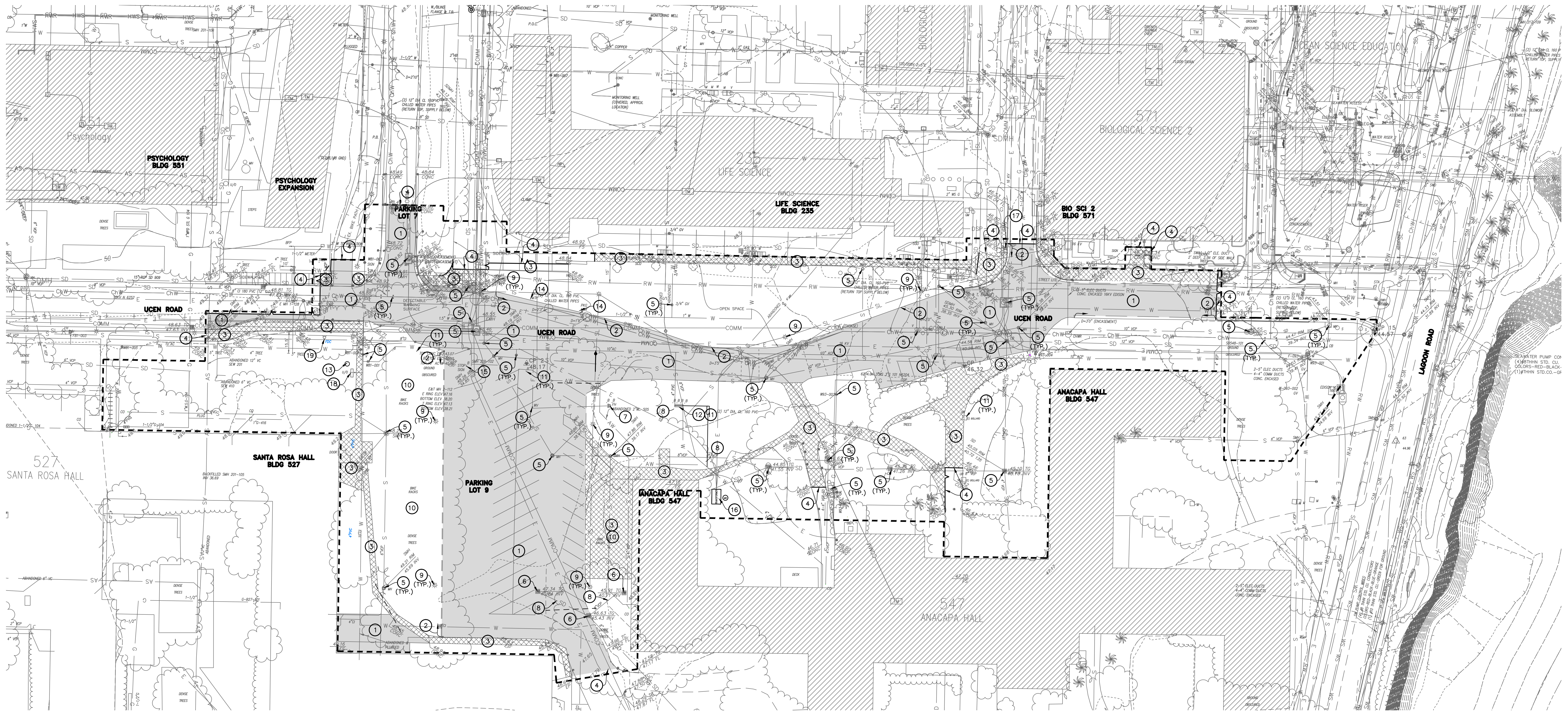
**5. CONTROL POINTS**

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1977230.271	6005818.994	46.32	MAG WASHER
2	1977231.987	6005509.373	48.17	MAG WASHER
15	1977255.159	6006109.263	44.57	BRASS CAP
39	1976793.404	6006023.526	44.13	MAG



SCALE: 1"=30'  
0 30 60 90

FOR REDUCED PLANS  
ORIGINAL SCALE IN INCHES  
0 1 2 3



**LEGEND**

- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT
- REMOVE EXISTING CONCRETE PAVEMENT
- SAWCUT LINE
- CONSTRUCTION LIMIT LINE

**GENERAL NOTES**

1. CONTRACTOR SHALL VERIFY AND COORDINATE ALL TREE REMOVALS, PRESERVATION, AND RELOCATION PER THE LANDSCAPE PLANS AND THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
2. PROTECT ALL EXISTING ABOVE GROUND IMPROVEMENTS AND BELOW GRADE UTILITIES NOT DESIGNATED TO BE REMOVED AND NOT IN CONFLICT WITH THE PROPOSED IMPROVEMENTS IN PLACE.
3. ADJUST EXISTING UTILITIES TO FINISH GRADES WITHIN PROJECT LIMITS (TYP. FOR ENTIRE PROJECT INCLUDING THOSE NOT SHOWN ON PLAN).

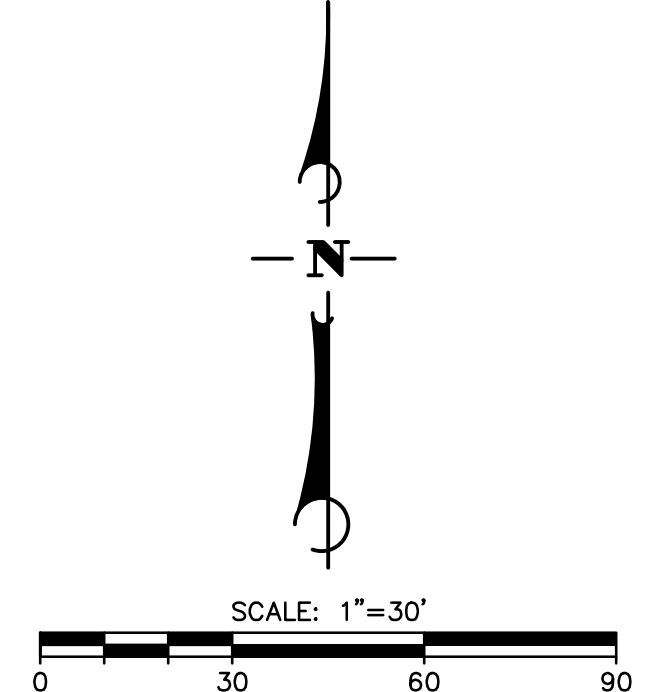
**PROTECTION AND REMOVAL NOTES**

1. REMOVE EXISTING ASPHALT CONCRETE ROADWAY AND PARKING LOT PAVEMENT AND BASE TO ADEQUATE DEPTH TO CONSTRUCT PROPOSED STRUCTURAL SECTION, AND LEGALLY DISPOSE OF OFF-CAMPUS.
2. REMOVE EXISTING CONCRETE CURB, CONCRETE CURB AND GUTTER AND LEGALLY DISPOSE OF OFF-CAMPUS.
3. REMOVE EXISTING CONCRETE WALKWAY PAVEMENT AND LEGALLY DISPOSE OF OFF-CAMPUS.
4. SAWCUT EXISTING PAVEMENT.
5. PROTECT AND ADJUST EXISTING UTILITIES TO FINISH GRADES (TYP. FOR ENTIRE PROJECT INCLUDING THOSE NOT SHOWN ON PLAN).
6. REMOVE EXISTING UTILITIES BOTH ABOVE AND BELOW GRADES AND BACKFILLED WITH SOILS AND COMPACTED TO 95% COMPACTION TO BELOW PROPOSED STRUCTURAL SECTION.
7. PROTECT AND RELOCATE FIRE HYDRANT COMPLETE TO LOCATION SHOWN ON GRADING AND DRAINAGE PLANS WITH GATE VALVES AND RECONNECT TO EXISTING WATERLINE.
8. ABANDON EXISTING UNDERGROUND PIPE/SYSTEM IN PLACE OR REMOVE IF IN CONFLICT WITH PROPOSED CONSTRUCTION.
9. DISCONNECT, PROTECT, AND RELOCATE EXISTING STREET LIGHT PER LANDSCAPE PLANS.
10. REMOVE EXISTING BIKE RACKS AND DELIVER TO LOCATION DETERMINED BY THE UNIVERSITY'S REPRESENTATIVE.
11. REMOVE EXISTING BOLLARD AND FOUNDATION COMPLETE, AND LEGALLY DISPOSE OF OFF-CAMPUS.
12. REMOVE AND RELOCATE EXISTING BACKFLOW PREVENTER AS SHOWN ON SHEET C4.
13. PROTECT, DISCONNECT, AND RELOCATE EXISTING PERMIT DISPENSER TO LOCATION SHOWN ON SHEET C3, GRADING AND PAVEMENT CONSTRUCTION NOTE NO. 31.
14. PROTECT AND REMOVE EXISTING PARKING METER AND DELIVER TO LOCATION DETERMINED BY UNIVERSITY'S REPRESENTATIVE.
15. REMOVE EXISTING SIGN, POST, AND FOUNDATION COMPLETE, AND LEGALLY DISPOSE OF POST AND FOUNDATION OFF-CAMPUS. PROTECT SIGN AND DELIVER TO LOCATION DETERMINED BY UNIVERSITY'S REPRESENTATIVE.
16. PROTECT EXISTING TRANSFORMER IN PLACE.
17. PROTECT EXISTING STAND PIPE IN PLACE.
18. PROTECT EXISTING BACKFLOW PREVENTER IN PLACE.
19. PROTECT EXISTING FIRE DEPARTMENT CONNECTION STANDPIPE IN PLACE.

**CAUTION**

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE UNIVERSITY'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR UTILITY DESIGN TO THE UNIVERSITY'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE UNIVERSITY OR THE PROJECT.

FOR REDUCED PLANS  
ORIGINAL SCALE IN INCHES



**GRADING AND PAVEMENT CONSTRUCTION NOTES**

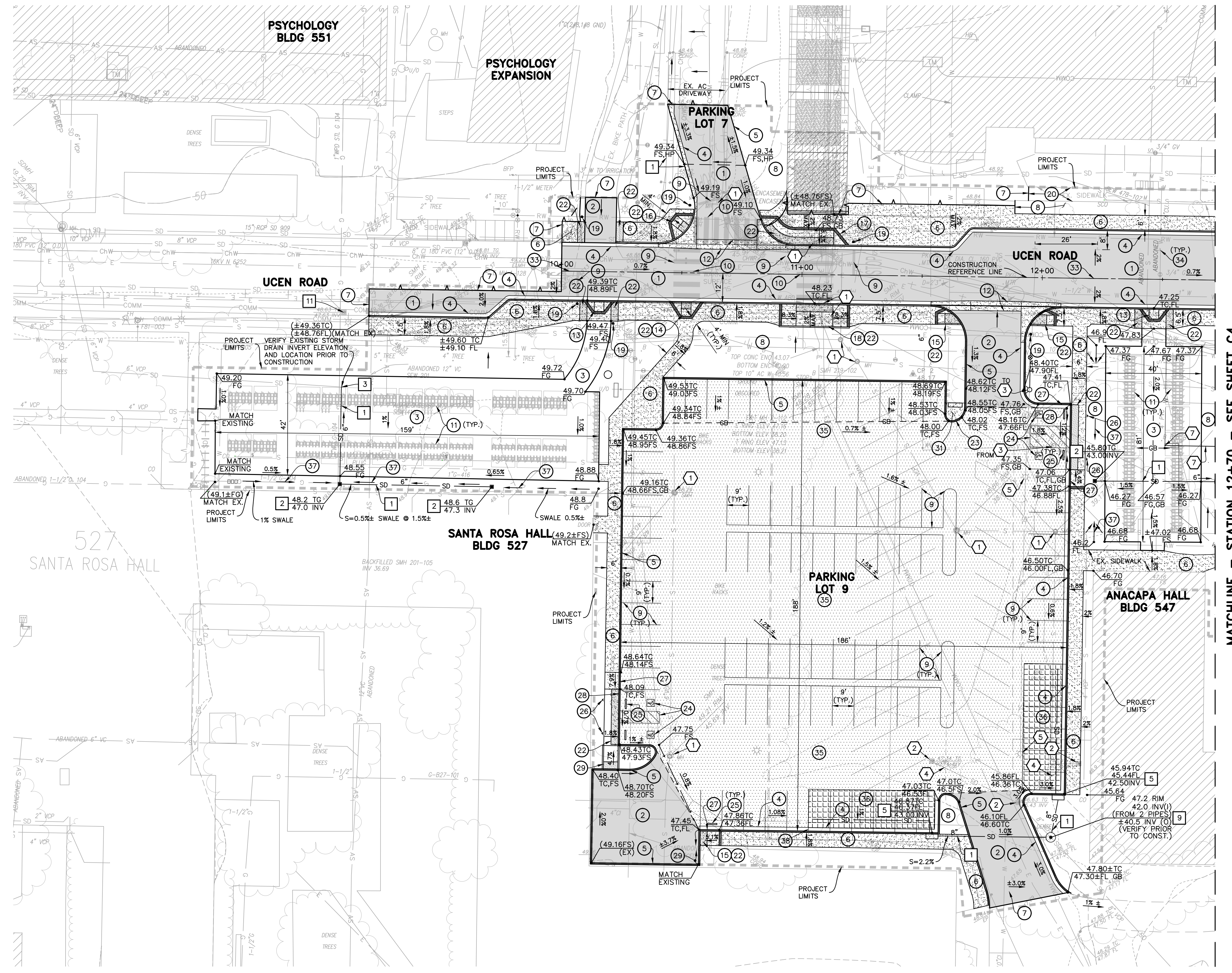
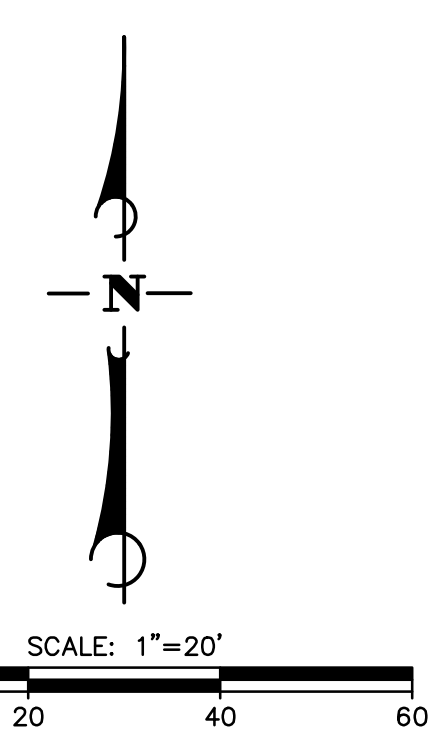
- 1 CONSTRUCT MIN. 2" ASPHALT RUBBERIZED HOT MIX OVER 3" ASPHALT CONCRETE, OVER MIN. 13" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE SECTION "1" ON SHEET C9.
- 2 CONSTRUCT MIN. 4" ASPHALT CONCRETE, OVER MIN. 8" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE SECTION "2" ON SHEET C9.
- 3 CONSTRUCT MIN. 4" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE LANDSCAPE PLAN FOR DETAILS.
- 4 CONSTRUCT 6" HIGH CONCRETE CURB AND 18" WIDE GUTTER PER COUNTY OF SANTA BARBARA (COUNTY) STANDARD DETAIL 4-030.
- 5 CONSTRUCT 6" HIGH CONCRETE CURB PER DETAIL "3" ON SHEET C9.
- 6 CONSTRUCT 4" CONCRETE SIDEWALK WITH #4 REBARS AT 18" O.C. BOTH WAYS OVER 4" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE SECTION "4" ON SHEET C9. SEE LANDSCAPE PLAN FOR SURFACE COLOR, TEXTURE, SCORE PATTERN, AND DETAILS.
- 7 SAWCUT AND MATCH EXISTING PAVEMENT SECTION.
- 8 LANDSCAPE AREA SEE LANDSCAPE PLAN.
- 9 PAINT 12" WHITE LIMIT LINE AS SHOWN PER 2010 CALTRANS STANDARD PLAN RSP A24E. PAINT "STOP" LEGEND CENTERED IN LANE AS SHOWN PER 2010 CALTRANS STANDARD PLAN A24D. MINIMUM 2 COATS.
- 10 PAINT 24" YELLOW CONTINENTAL PEDESTRIAN CROSSWALK MARKINGS PER 2010 CALTRANS STANDARD PLAN RSP A24F. CENTER MARKING ON ROAD WITH MIN. 24" WIDE SPACING BETWEEN MARKINGS.
- 11 BIKE PARKING RACK, FOUNDATION AND FACILITIES, SEE LANDSCAPE LAYOUT PLANS FOR DETAILS.
- 12 CONSTRUCT CONCRETE CROSS GUTTER AND SPANDREL PER STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) STANDARD PLAN 122-1. MODIFY THE GUTTER WIDTH TO 4'.
- 13 CONSTRUCT BIKE RAMP PER DETAIL "5" ON SHEET C9.
- 14 CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL "6" ON SHEET C9.
- 15 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, CASE "C" AND ASSOCIATED NOTES.
- 16 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, DETAIL "D" AND ASSOCIATED NOTES.
- 17 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, CASE "A" (WIDTH PER PLAN) AND ASSOCIATED NOTES.
- 18 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, CASE "C" (WIDTH PER PLAN) WITH 6" WIDE RETAINING CURB (FROM 0" TO 6") AND ASSOCIATED NOTES.
- 19 CONSTRUCT METAL POLE STOP SIGN AND CONCRETE FOOTING PER 2010 CALTRANS STANDARD PLANS RS1 AND RS4. FOOTING SHALL BE 9" DIA. BY 3' DEEP, 3000 PSI CONCRETE. POLE SHALL HAVE MIN. 2' EMBEDMENT INTO FOOTING.
- 20 REMOVE EXISTING CONCRETE PAVEMENT.
- 21 MATCH EXISTING RAMP GRADES.
- 22 CONSTRUCT MINIMUM 3" WIDE DETECTABLE WARNING SURFACE (TRUNCATED DOMES) PER 2010 CALTRANS STANDARD PLAN RSP AB8A AND COMPLY WITH CBC 11338.8.5.
- 23 CONSTRUCT 5" WIDE CURB OPENING AND 3' LONG CURB HEIGHT TRANSITION FROM 6" TO 0" ON BOTH SIDES.
- 24 PAINT BLUE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) PAVEMENT MARKING AND STRIPING FOR ACCESSIBLE PARKING SPACE PER 2010 CALTRANS STANDARD PLANS RSP A24C AND RSP A90A.
- 25 CONSTRUCT 5' LONG CONCRETE WHEEL STOP PER DETAIL "7" ON SHEET C9.
- 26 FURNISH AND INSTALL ACCESSIBLE PARKING SIGNS (R99(CA) AND R99B(CA)) AND METAL POST PER 2010 CALTRANS STANDARD PLAN RSP A90A AT LOCATION SHOWN ON PLAN.
- 27 CONSTRUCT CURB HIGH TRANSITION (FROM 0" TO 6", LENGTH PER PLAN).
- 28 CONSTRUCT 0" HIGH CURB AND 18" GUTTER PER DETAIL "12" ON SHEET C9.
- 29 CONSTRUCT 0" HIGH CURB PER DETAIL "8" ON SHEET C9.
- 30 CONSTRUCT 4" THICK CONCRETE PAD (6" BELOW TOP OF CURB FOR INSTALLING PERMIT DISPENSER), OVER 4" THICK CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND TOP 12" SOILS MATERIALS TO MIN. 95% COMPACTION. INSTALL PERMIT DISPENSER COMPLETE WITH ELECTRICAL/COMMUNICATION LINE PER CAMPUS STANDARD.
- 31 PROTECT AND RELOCATE EXISTING PERMIT DISPENSER TO THIS LOCATION. CONSTRUCT 4" THICK CONCRETE PAD (6" BELOW TOP OF CURB FOR INSTALLING PERMIT DISPENSER), OVER 4" THICK CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND TOP 12" SOILS MATERIALS TO MIN. 95% COMPACTION. INSTALL PERMIT DISPENSER COMPLETE WITH ELECTRICAL/COMMUNICATION LINE PER CAMPUS STANDARD.
- 32 CONSTRUCT 4" DIA. REMOVABLE METAL BOLLARDS, TOTAL 5 BOLLARDS, PER DETAIL "9" ON SHEET C9.
- 33 PAINT 4" YELLOW CENTERLINE STRIPE (DETAIL 1) PER 2010 CALTRANS STANDARD PLAN A20A.
- 34 PAINT 4" WHITE PARKING STRIPES PER PLAN (12" LONG PERPENDICULAR TO ROAD AND 24" LONG PARALLEL TO ROAD).
- 35 CONSTRUCT POROUS PAVEMENT PER STRUCTURAL SECTION DETAIL "16" ON SHEET C10.
- 36 CONSTRUCT CONCRETE PAVERS PER STRUCTURAL SECTION DETAIL "17" ON SHEET C10.
- 37 CONSTRUCT GRADED SWALE PER DETAIL "18" ON SHEET C10.

**PROTECT, ADJUST, AND REMOVE UTILITY CONSTRUCTION NOTES**

- (FOR ALL EXISTING UTILITIES IN CONFLICT WITH PROPOSED CONSTRUCTION AND RECORRECT).
- 1 ADJUST EXISTING UTILITIES TO FINISH GRADES (TYP. FOR ENTIRE PROJECT INCLUDING THOSE NOT SHOWN ON PLAN).
  - 2 REMOVE EXISTING UTILITIES BOTH ABOVE AND BELOW GRADES AND BACKFILLED WITH SOILS AND COMPACTED TO 95% COMPACTION TO BELOW PROPOSED STRUCTURAL SECTION.
  - 3 PROTECT AND RELOCATE FIRE HYDRANT COMPLETE WITH VALVES AND RECONNECTION TO EXISTING WATERLINE.
  - 4 ABANDON EXISTING UNDERGROUND PIPE/SYSTEM IN PLACE OR REMOVE IT IF IN CONFLICT WITH PROPOSED CONSTRUCTION.
  - 5 PROTECT AND RELOCATE EXISTING STREET LIGHT PER LANDSCAPE PLAN.
  - 6 PROTECT EXISTING TRANSFORMER IN PLACE.
  - 7 RELOCATE EXISTING BACKFLOW PREVENTER AND INSTALL PER DETAIL "15" ON SHEET C9. CONSTRUCT 4" DIA. C900 CLASS 305 PVC WATERLINE PER DETAIL "11" ON SHEET C9. CONNECT WATERLINE TO EXISTING 4" DIA. PVC WATERLINE WITH ALL NECESSARY FITTINGS.

**STORM DRAIN CONSTRUCTION NOTES**

- 1 CONSTRUCT 6" OR 8" OR 12" DIA. HIGH DENSITY POLYETHYLENE PIPE (HDPE) STORM DRAIN, HANCOR PRODUCT SURE-LOK WT OR EQUAL PER DETAIL SECTION "11" ON SHEET C9. SIZE AS SHOWN ON PLANS.
- 2 CONSTRUCT 12"x12" CONCRETE CATCH BASIN BROOKS PRODUCT OR EQUAL. USE TRAFFIC RATED GRATE AND COVER IN PAVEMENT AREA.
- 3 CONNECT STORM DRAIN TO EXISTING OR PROPOSED CATCH BASIN.
- 4 CONSTRUCT 6" HIGH CONCRETE CURB PER DETAIL "3" ON SHEET C9 AROUND CONCRETE CATCH BASIN STRUCTURE.
- 5 CONSTRUCT 5' LONG TYPE C DROP INLET PER COUNTY STANDARD DETAIL 3-050, 6" WINDOW ON FRONT. APRON NOT REQUIRED.
- 6 CONNECT TO PROPOSED AND EXISTING STORM DRAINS WITH WYE CONNECTION PER DETAIL "13" ON SHEET C9.
- 7 CONSTRUCT 18"x18" CONCRETE CATCH BASIN BROOKS PRODUCT OR EQUAL. USE TRAFFIC RATED GRATE AND COVER IN PAVEMENT AREA.
- 8 ADJUST CATCH BASIN STRUCTURE TO FINISH GRADE.
- 9 CONSTRUCT 4' DIA. DRAINAGE MANHOLE PER COUNTY STANDARD DETAIL 3-080.
- 10 CONSTRUCT 7' LONG OPEN CURB DROP INLET WITH APRON LIP PER COUNTY STANDARD 3-020, 6" WINDOW ON FRONT.
- 11 CONSTRUCT ULTRA-URBAN FILTER WITH SMART SPONGE IN EXISTING OR PROPOSED CATCH BASIN OR INLET, ABTECH INDUSTRIES INC.

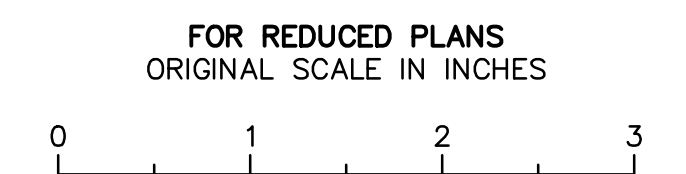


SEE SHEETS C5 AND C6 FOR UCEN ROAD PLAN AND PROFILE

- NOTES:
1. REMOVE ALL EXISTING IMPROVEMENTS IN CONFLICT WITH PROPOSED CONSTRUCTION.
  2. PROTECT EXISTING IMPROVEMENTS TO REMAIN IN PLACE, AND REPAIR/RECONSTRUCT TO EXISTING CONDITIONS IF DAMAGED DURING CONSTRUCTION.
  3. FOR TREE AND IRRIGATION, PROTECTION, REMOVAL AND CONSTRUCTION, SEE LANDSCAPE AND IRRIGATION PLANS.

**CAUTION**

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE UNIVERSITY'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR UTILITY DESIGN TO THE UNIVERSITY'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE UNIVERSITY OR THE PROJECT.



**GRADING AND PAVEMENT CONSTRUCTION NOTES**

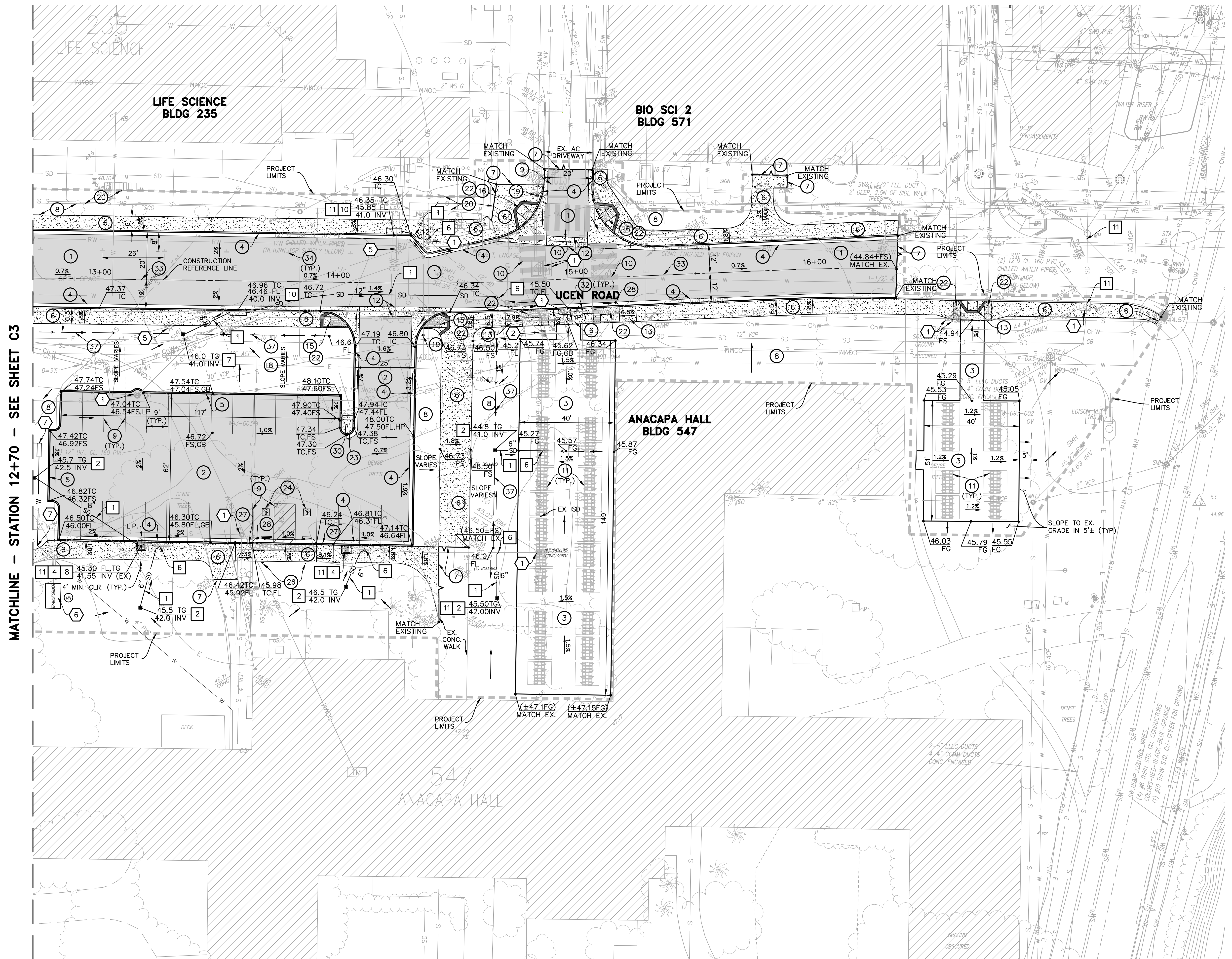
- 1 CONSTRUCT MIN. 2" ASPHALT RUBBERIZED HOT MIX OVER 3" ASPHALT CONCRETE, OVER MIN. 13" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE SECTION "1" ON SHEET C9.
- 2 CONSTRUCT MIN. 4" ASPHALT CONCRETE, OVER MIN. 8" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE SECTION "2" ON SHEET C9.
- 3 CONSTRUCT MIN. 4" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE LANDSCAPE PLAN FOR DETAILS.
- 4 CONSTRUCT 6" HIGH CONCRETE CURB AND 18" WIDE GUTTER PER COUNTY OF SANTA BARBARA (COUNTY) STANDARD DETAIL 4-030.
- 5 CONSTRUCT 6" HIGH CONCRETE CURB PER DETAIL "3" ON SHEET C9.
- 6 CONSTRUCT 4" CONCRETE SIDEWALK WITH #4 REBARS AT 18" O.C. BOTH WAYS OVER 4" CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND MIN. TOP 12" SOILS MATERIALS TO MINIMUM 95% COMPACTION. SEE SECTION "4" ON SHEET C9. SEE LANDSCAPE PLAN FOR SURFACE COLOR, TEXTURE, SCORE PATTERN, AND DETAILS.
- 7 SAWCUT AND MATCH EXISTING PAVEMENT SECTION.
- 8 LANDSCAPE AREA SEE LANDSCAPE PLAN.
- 9 PAINT 12" WHITE LIMIT LINE AS SHOWN PER 2010 CALTRANS STANDARD PLAN RSP A24E, PAINT "STOP" LEGEND CENTERED IN LANE AS SHOWN PER 2010 CALTRANS STANDARD PLAN A24D, MINIMUM 2 COATS.
- 10 PAINT 24" YELLOW CONTINENTAL PEDESTRIAN CROSSWALK MARKINGS PER 2010 CALTRANS STANDARD PLAN RSP A24F, CENTER MARKING ON ROAD WITH MIN. 24" WIDE SPACING BETWEEN MARKINGS.
- 11 BIKE PARKING RACK, FOUNDATION AND FACILITIES, SEE LANDSCAPE LAYOUT PLANS FOR DETAILS.
- 12 CONSTRUCT CONCRETE CROSS GUTTER AND SPANDREL PER STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) STANDARD PLAN 122-1. MODIFY THE GUTTER WIDTH TO 4".
- 13 CONSTRUCT BIKE RAMP PER DETAIL "5" ON SHEET C9.
- 14 CONSTRUCT ACCESSIBLE CURB RAMP PER DETAIL "6" ON SHEET C9.
- 15 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, CASE "C" AND ASSOCIATED NOTES.
- 16 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, DETAIL "D" AND ASSOCIATED NOTES.
- 17 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, CASE "A" (WIDTH PER PLAN) AND ASSOCIATED NOTES.
- 18 CONSTRUCT ACCESSIBLE CURB RAMP PER 2010 CALTRANS STANDARD PLAN RSP AB8A, CASE "C" (WIDTH PER PLAN) WITH 6" WIDE RETAINING CURB (FROM 0" TO 6") AND ASSOCIATED NOTES.
- 19 CONSTRUCT METAL POLE STOP SIGN AND CONCRETE FOOTING PER 2010 CALTRANS STANDARD PLANS RS1 AND RS4. FOOTING SHALL BE 9" DIA. BY 3" DEEP, 3000 PSI CONCRETE. POLE SHALL HAVE MIN. 2" EMBEDMENT INTO FOOTING.
- 20 REMOVE EXISTING CONCRETE PAVEMENT.
- 21 MATCH EXISTING RAMP GRADES.
- 22 CONSTRUCT MINIMUM 3' WIDE DETECTABLE WARNING SURFACE (TRUNCATED DOMES) PER 2010 CALTRANS STANDARD PLAN RSP AB8A AND COMPLY WITH CBC 1133B.8.5.
- 23 CONSTRUCT 5' WIDE CURB OPENING AND 3' LONG CURB HEIGHT TRANSITION FROM 6" TO 0" ON BOTH SIDES.
- 24 PAINT BLUE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) PAVEMENT MARKING AND STRIPING FOR ACCESSIBLE PARKING SPACE PER 2010 CALTRANS STANDARD PLANS RSP A24C AND RSP A90A.
- 25 CONSTRUCT 5' LONG CONCRETE WHEEL STOP PER DETAIL "7" ON SHEET C9.
- 26 FURNISH AND INSTALL ACCESSIBLE PARKING SIGNS (R99(CA) AND R99B(CA)) AND METAL POST PER 2010 CALTRANS STANDARD PLAN RSP A90A AT LOCATION SHOWN ON PLAN.
- 27 CONSTRUCT CURB HIGH TRANSITION (FROM 0" TO 6", LENGTH PER PLAN).
- 28 CONSTRUCT 0" HIGH CURB AND 18" GUTTER PER DETAIL "12" ON SHEET C9.
- 29 CONSTRUCT 0" HIGH CURB PER DETAIL "8" ON SHEET C9.
- 30 CONSTRUCT 4" THICK CONCRETE PAD (6" BELOW TOP OF CURB FOR INSTALLING PERMIT DISPENSER), OVER 4" THICK CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND TOP 12" SOILS MATERIALS TO MIN. 95% COMPACTION. INSTALL PERMIT DISPENSER COMPLETE WITH ELECTRICAL/COMMUNICATION LINE PER CAMPUS STANDARD.
- 31 PROTECT AND RELOCATE EXISTING PERMIT DISPENSER TO THIS LOCATION. CONSTRUCT 4" THICK CONCRETE PAD (6" BELOW TOP OF CURB FOR INSTALLING PERMIT DISPENSER), OVER 4" THICK CL. 2 AGGREGATE BASE, COMPACT AGGREGATE BASE AND TOP 12" SOILS MATERIALS TO MIN. 95% COMPACTION. INSTALL PERMIT DISPENSER COMPLETE WITH ELECTRICAL/COMMUNICATION LINE PER CAMPUS STANDARD.
- 32 CONSTRUCT 4" DIA. REMOVABLE METAL BOLLARDS, TOTAL 5 BOLLARDS, PER DETAIL "9" ON SHEET C9.
- 33 PAINT 4" YELLOW CENTERLINE STRIPE (DETAIL 1) PER 2010 CALTRANS STANDARD PLAN A20A.
- 34 PAINT 4" WHITE PARKING STRIPES PER PLAN (12" LONG PERPENDICULAR TO ROAD AND 24" LONG PARALLEL TO ROAD).
- 35 CONSTRUCT POROUS PAVEMENT PER STRUCTURAL SECTION DETAIL "16" ON SHEET C10.
- 36 CONSTRUCT CONCRETE PAVERS PER STRUCTURAL SECTION DETAIL "17" ON SHEET C10.
- 37 CONSTRUCT GRADED SWALE PER DETAIL "18" ON SHEET C10.

**PROTECT, ADJUST, AND REMOVE UTILITY CONSTRUCTION NOTES**

- (FOR ALL EXISTING UTILITIES IN CONFLICT WITH PROPOSED CONSTRUCTION AND RECORRECT.)
- 1 ADJUST EXISTING UTILITIES TO FINISH GRADES (TYP. FOR ENTIRE PROJECT INCLUDING THOSE NOT SHOWN ON PLAN).
  - 2 REMOVE EXISTING UTILITIES BOTH ABOVE AND BELOW GRADES AND BACKFILLED WITH SOILS AND COMPACTED TO 95% COMPACTION TO BELOW PROPOSED STRUCTURAL SECTION.
  - 3 PROTECT AND RELOCATE FIRE HYDRANT COMPLETE WITH VALVES AND RECONNECTION TO EXISTING WATERLINE.
  - 4 ABANDON EXISTING UNDERGROUND PIPE/SYSTEM IN PLACE OR REMOVE IT IF IN CONFLICT WITH PROPOSED CONSTRUCTION.
  - 5 PROTECT AND RELOCATE EXISTING STREET LIGHT PER LANDSCAPE PLAN.
  - 6 PROTECT EXISTING TRANSFORMER IN PLACE.
  - 7 RELOCATE EXISTING BACKFLOW PREVENTER AND INSTALL PER DETAIL "15" ON SHEET C9. CONSTRUCT 4" DIA. C900 CLASS 305 PVC WATERLINE PER DETAIL "11" ON SHEET C9. CONNECT WATERLINE TO EXISTING 4" DIA. PVC WATERLINE WITH ALL NECESSARY FITTINGS.

**STORM DRAIN CONSTRUCTION NOTES**

- 1 CONSTRUCT 6" OR 8" OR 12" DIA. HIGH DENSITY POLYETHYLENE PIPE (HDPE) STORM DRAIN, HANCOR PRODUCT SURE-LOK, WT OR EQUAL PER DETAIL SECTION "11" ON SHEET C9. SIZE AS SHOWN ON PLANS.
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- 4 CONSTRUCT 6" HIGH CONCRETE CURB PER DETAIL "3" ON SHEET C9 AROUND CONCRETE CATCH BASIN STRUCTURE.
- 5 CONSTRUCT 5' LONG TYPE C DROP INLET PER COUNTY STANDARD DETAIL 3-050, 6" WINDOW ON FRONT. APRON NOT REQUIRED.
- 6 CONNECT TO PROPOSED AND EXISTING STORM DRAINS WITH WYE CONNECTION PER DETAIL "13" ON SHEET C9.
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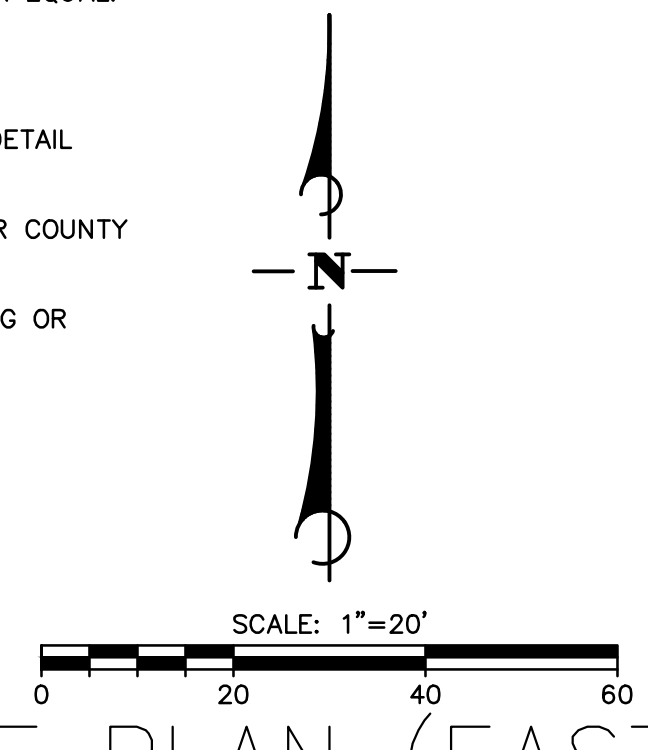
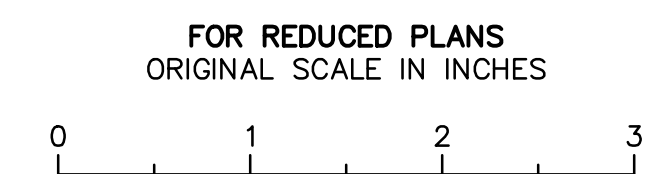


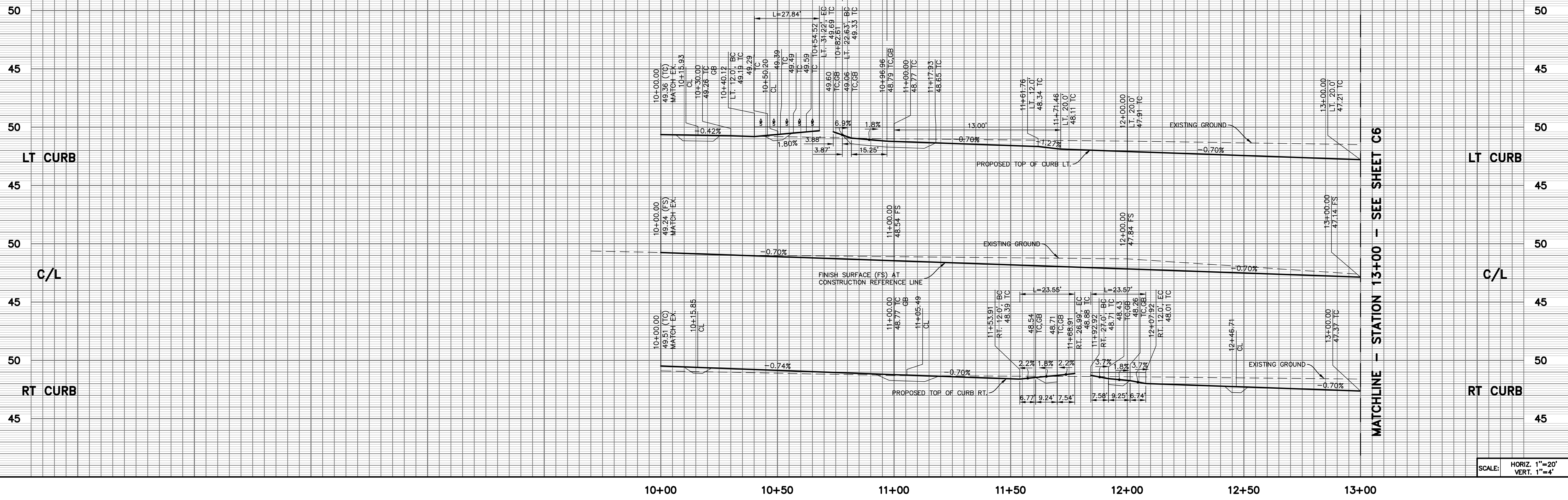
MATCHLINE - STATION 12+70 - SEE SHEET C3

SEE SHEETS C5 AND C6 FOR UCEN ROAD PLAN AND PROFILE

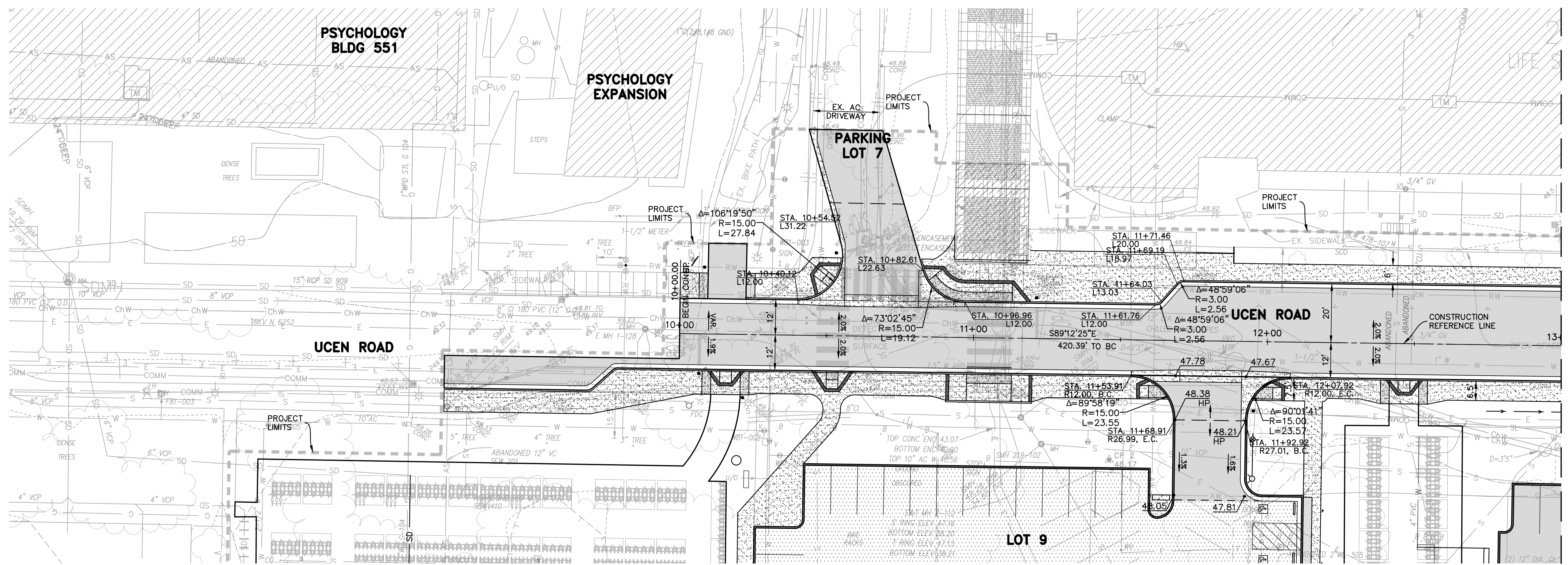
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- NOTES:
1. REMOVE ALL EXISTING IMPROVEMENTS IN CONFLICT WITH PROPOSED CONSTRUCTION.
  2. PROTECT EXISTING IMPROVEMENTS TO REMAIN IN PLACE, AND REPAIR/RECONSTRUCT TO EXISTING CONDITIONS IF DAMAGED DURING CONSTRUCTION.
  3. FOR TREE AND IRRIGATION, PROTECTION, REMOVAL AND CONSTRUCTION, SEE LANDSCAPE AND IRRIGATION PLANS.

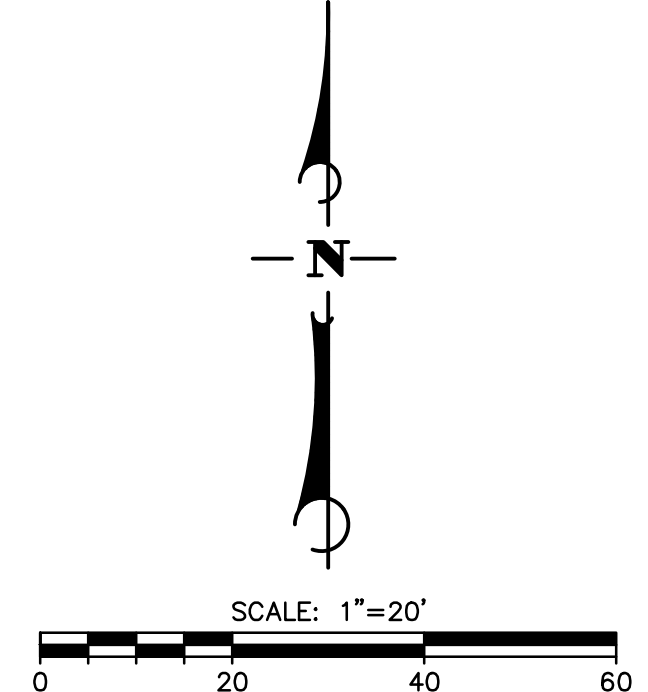
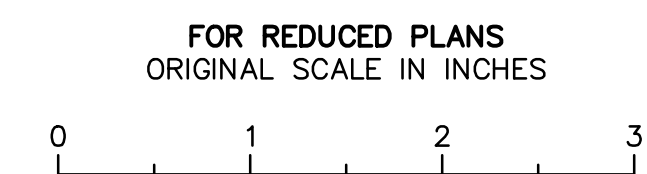


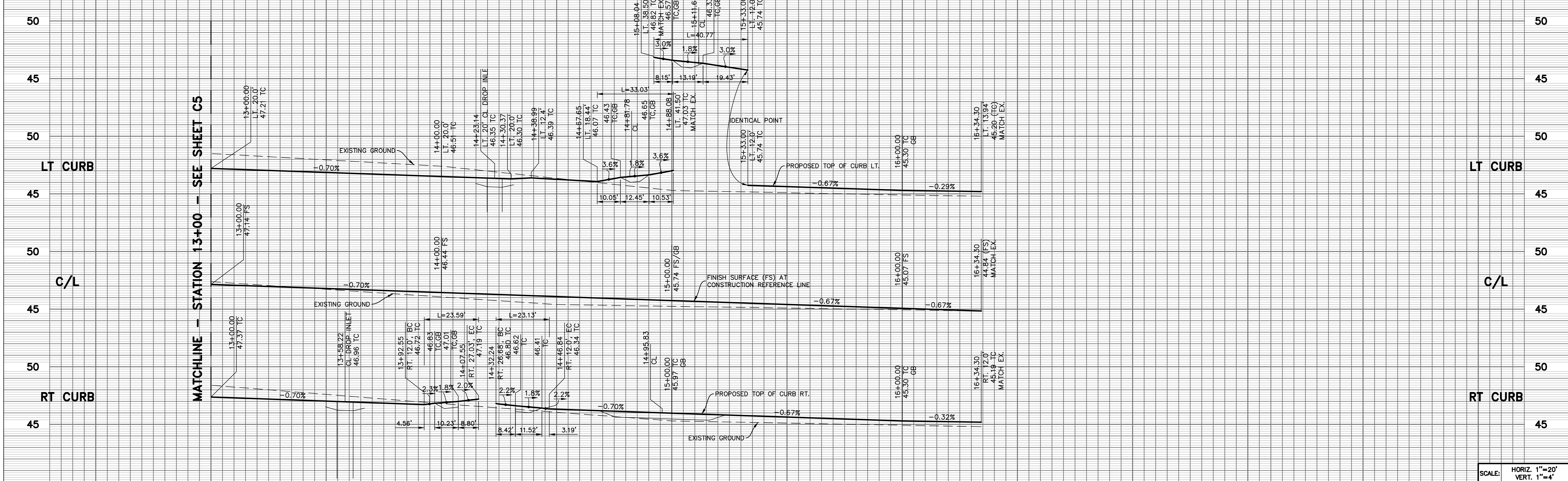


SCALE: HORIZ. 1"=20'  
VERT. 1"=4'

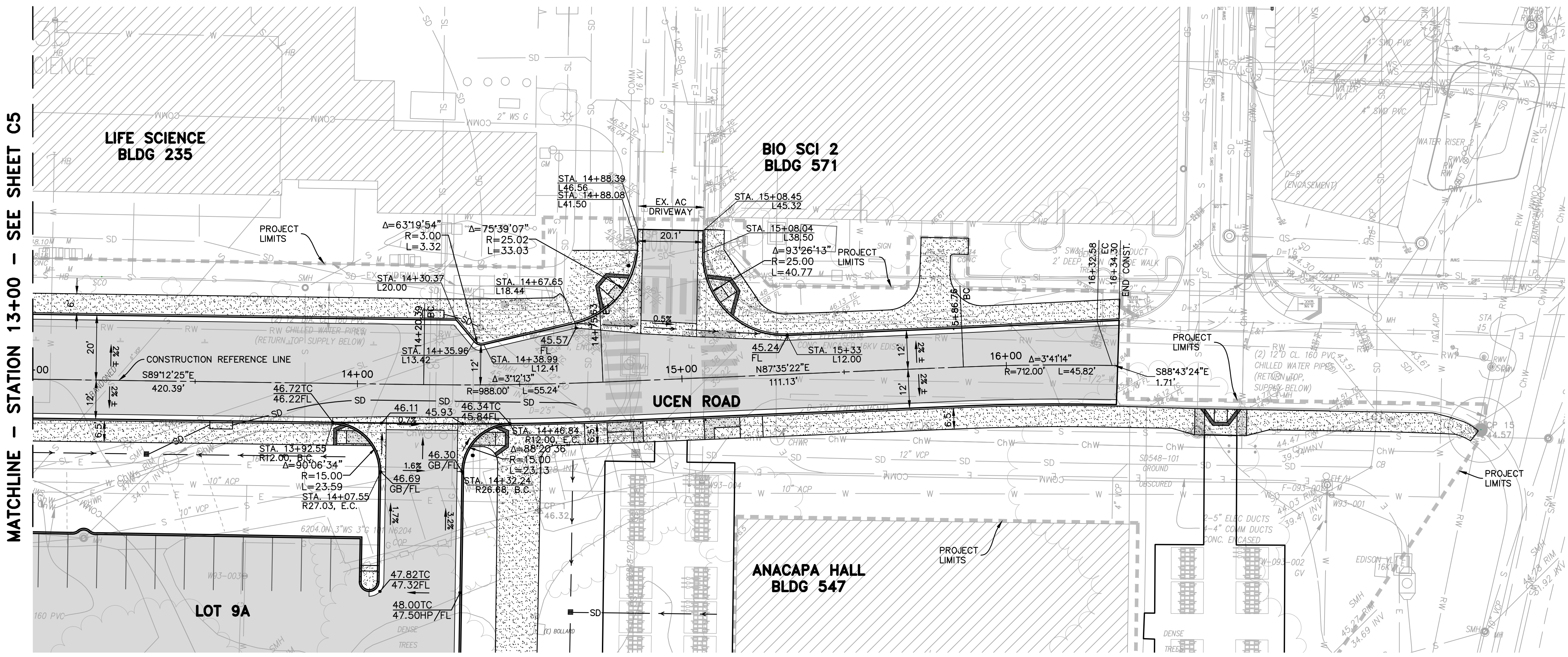


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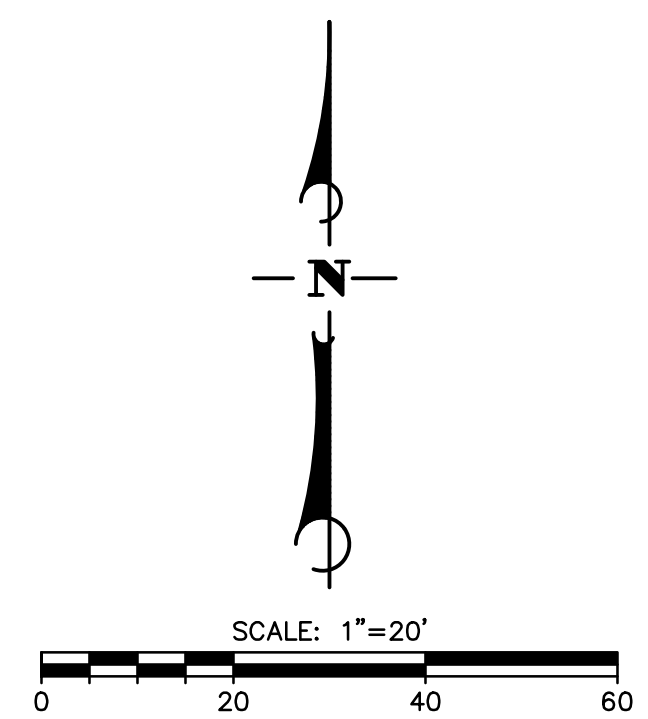
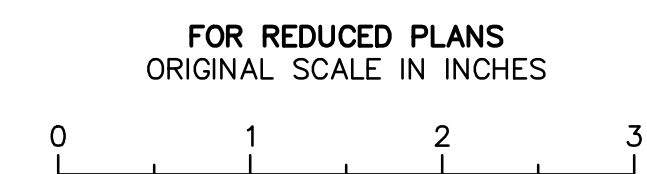




12+50 13+00 13+50 14+00 14+50 15+00 15+50 16+00 16+50 17+00



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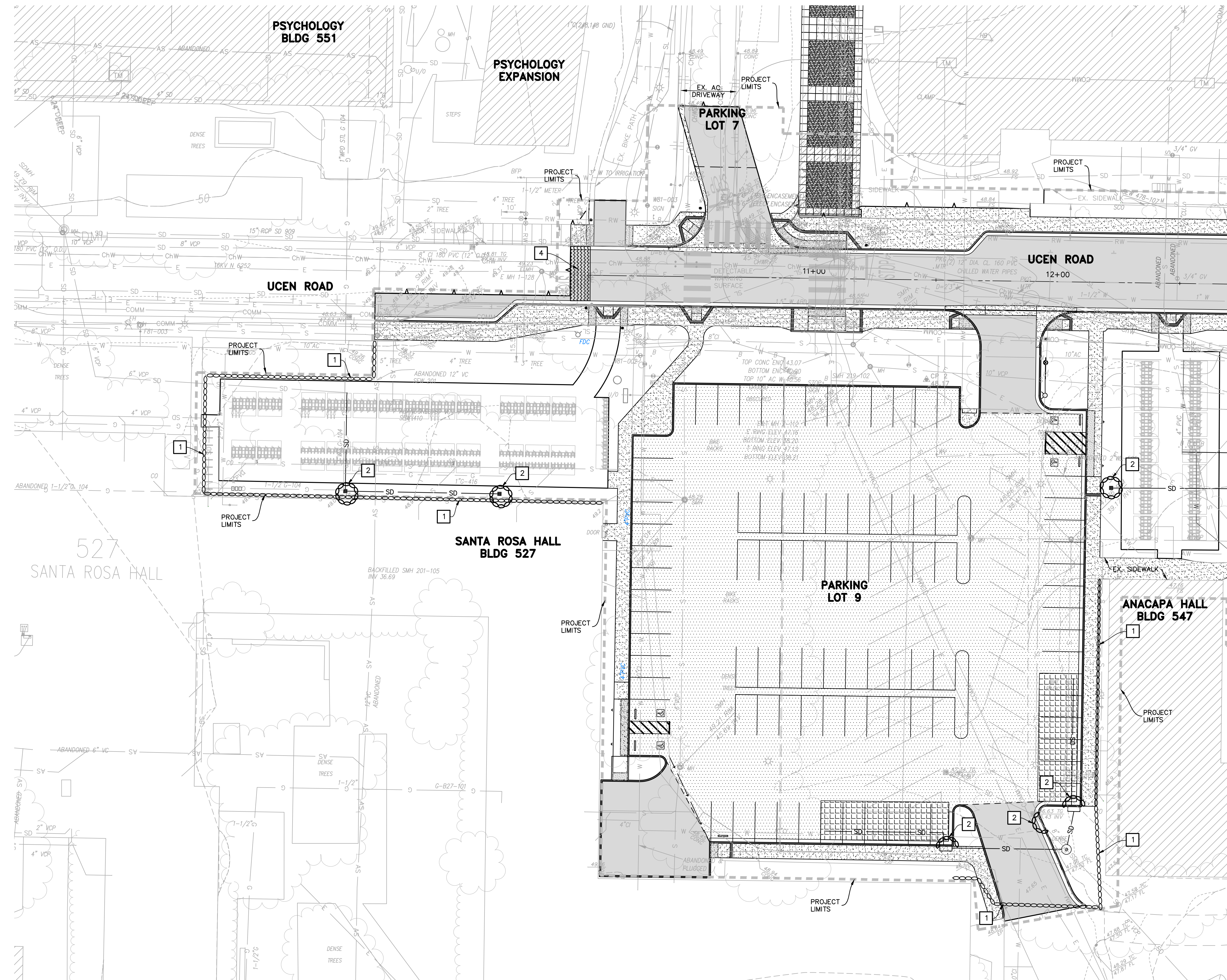


ROAD PLAN AND PROFILE (EAST)  
UCSB FM NO. 140426L/986615

UCSB UCen Road Realignment  
UCen Road  
Santa Barbara, California



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Sheet  
C6  
Of -  
UCSB DWG NO. 34-388

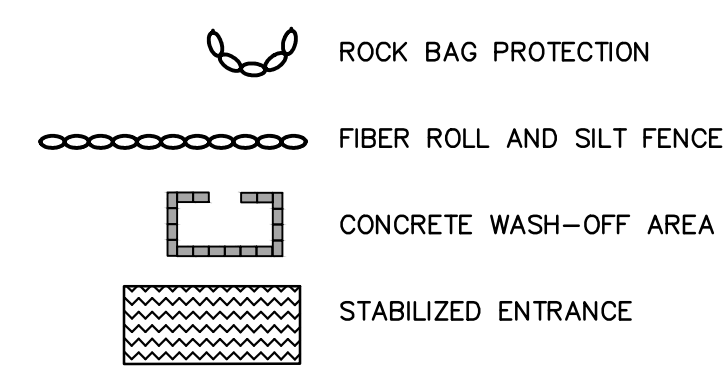


MATCHLINE - STATION 12+70 - SEE SHEET C8

**GENERAL NOTES**

1. THE CONTRACTOR SHALL UTILIZE THIS PLAN ONLY AS A GUIDE TO FULFILL ALL REGULATORY AND PRACTICAL REQUIREMENTS RELATED TO EROSION CONTROL AND STORM WATER POLLUTION PREVENTION.
2. CONTRACTOR SHALL REVIEW AND PERFORM ALL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS, WHICH MAY NOT BE LIMITED TO THE FEATURES DEPICTED ON THIS SHEET.
3. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
4. EROSION CONTROL DEVICES MAY BE REMOVED WHEN APPROVED BY THE UNIVERSITY'S REPRESENTATIVE IF THE GRADING OPERATIONS HAVE PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
5. EARTHEN AREAS ADJACENT TO THE PUBLIC RIGHT OF WAY SHALL DRAIN AWAY FROM THE PUBLIC RIGHT OF WAY AT THE CONCLUSION OF EACH WORKING DAY.
6. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.
7. EXCEPT AS OTHERWISE APPROVED BY THE UNIVERSITY'S REPRESENTATIVE, ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR WEEKENDS WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.
8. ALL LOOSE SOIL AND DEBRIS, WHICH MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY, SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE UNIVERSITY'S REPRESENTATIVE.
9. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION AND/OR RUNOFF DAMAGE WITHIN THE SITE SHALL BE AT THE DISCRETION OF THE UNIVERSITY'S REPRESENTATIVE.
10. EROSION CONTROL DEVICES SHALL NOT BE MODIFIED WITHOUT THE APPROVAL OF THE UNIVERSITY'S REPRESENTATIVE. REVISED PLANS SHALL BE SUBMITTED FOR APPROVAL.
11. THE CONTRACTOR SHALL HIRE A CERTIFIED QUALIFIED SWPPP PRACTITIONER (QSP) TO MONITOR EROSION CONTROL WORK IN ACCORDANCE WITH THE APPROVED PLANS. THE WORK ALSO INCLUDES, BUT IS NOT LIMITED TO, INSPECTION OF EROSION CONTROL MEASURES BEFORE EACH RAINSTORM AND 5-DAY PROBABILITY RAIN FORECAST, AS WELL AS WEEKLY AND QUARTERLY MONITORING, AND FILE ANNUAL REPORTS AND NOTICE OF TERMINATION AFTER THE PROJECT COMPLETION.
12. IF RAIN IS FORECAST OR THREATENING, ALL STOCKPILED MATERIALS SHALL BE TARPED TO PREVENT EROSION. TARP SHALL BE ANCHORED WITH GRAVEL FILLED BAGS AT 8' INTERVALS.
13. WHENEVER SEDIMENT-LADEN WATER MUST BE REMOVED FROM THE CONSTRUCTION SITE, A DEWATERING PUMP, A FILTER BOX, PORTABLE SEDIMENT TANK, OR SOME FORM OF FILTERING MEDIA IS TO BE USED PRIOR TO OR DURING DISCHARGE.

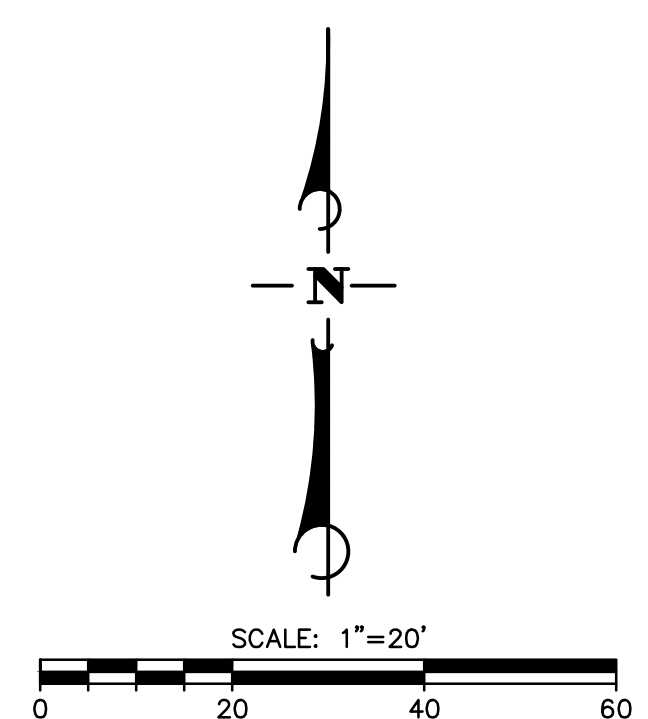
**EROSION CONTROL LEGEND**



**EROSION CONTROL CONSTRUCTION NOTES**

1. CONSTRUCT FIBER ROLL PER DETAIL "A" ON SHEET C10 AND SILT FENCE PER DETAIL "D" ON SHEET C10. FIBER ROLL SPACING SHALL NOT EXCEED 20' SPACING FOR SLOPES 4:1 AND FLATTER, 15' FOR SLOPES BETWEEN 2:1 AND 4:1, AND 10' FOR SLOPES 2:1 AND GREATER (U.N.O.).
2. CONSTRUCT DRAIN INLET PROTECTION PER DETAIL "B" ON SHEET C10 FOR USE DURING PROJECT CONSTRUCTION.
3. CONSTRUCT CONCRETE WASH-OUT AREA PER DETAIL "C" ON SHEET C10.
4. CONSTRUCT STABILIZED ENTRANCE (A MINIMUM 20 FEET LONG BY FULL CONSTRUCTION ENTRANCE ROADWAY WIDTH METAL RUMBLE STRIP OR AS AN ALTERNATE 12" COMPACTED THICKNESS OF 2" TO 3" DIAMETER GRAVEL PAD) AT ALL ACCESS POINTS FROM THE JOB SITE TO PREVENT TRACKING OF MUD ONTO PUBLIC ROADS, UNLESS OTHERWISE APPROVED BY UNIVERSITY'S REPRESENTATIVE.

FOR REDUCED PLANS  
ORIGINAL SCALE IN INCHES



**EROSION CONTROL PLAN (WEST)**

UCSB FM NO. 140426L/986615

UCSB UCen Road Realignment  
UCen Road  
Santa Barbara, California

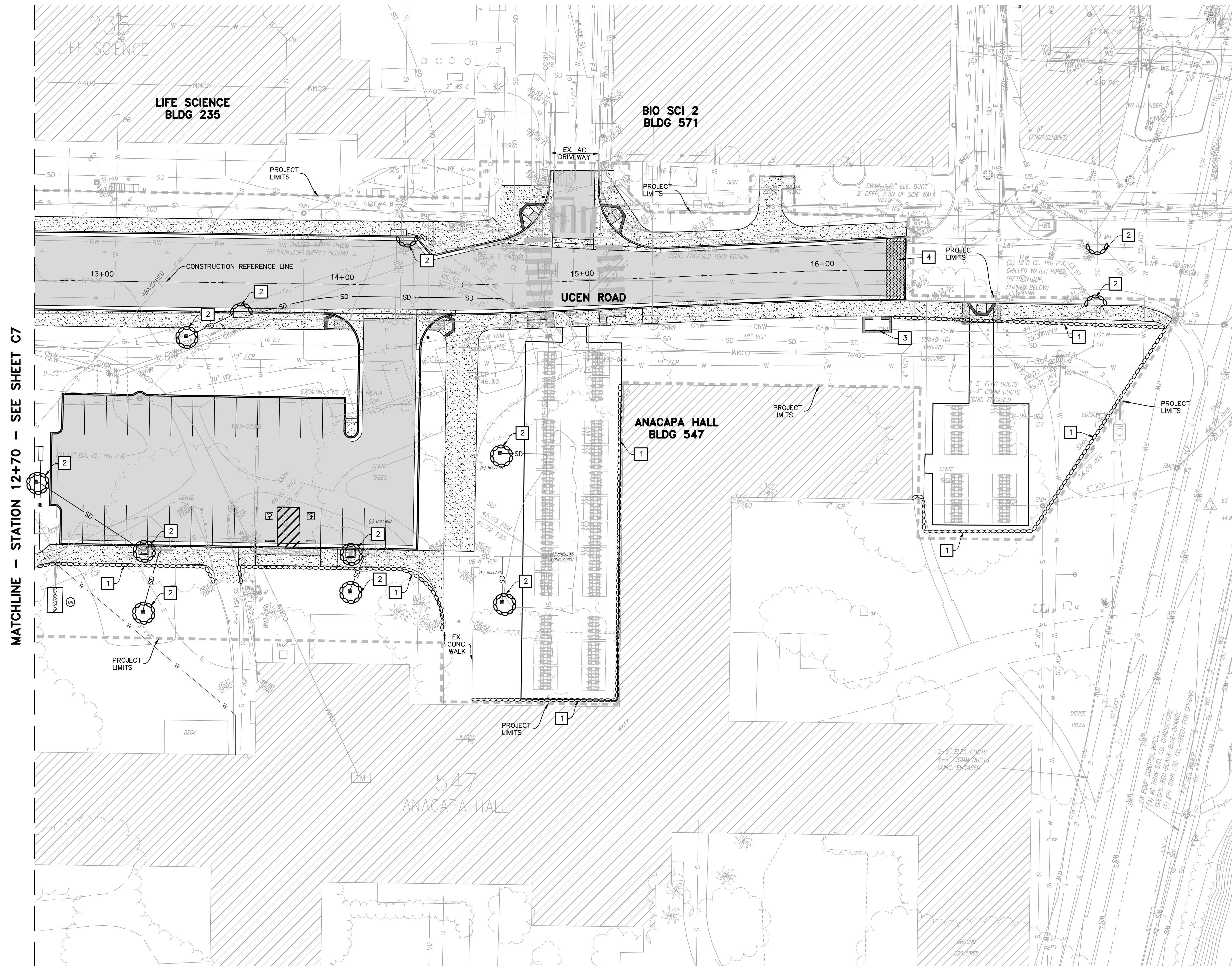


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C7

Of -  
UCSB DWG NO. 34-388



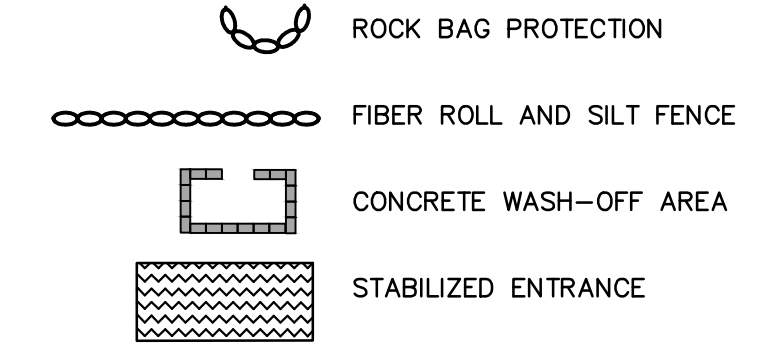


MATCHLINE - STATION 12+70 - SEE SHEET C7

**GENERAL NOTES**

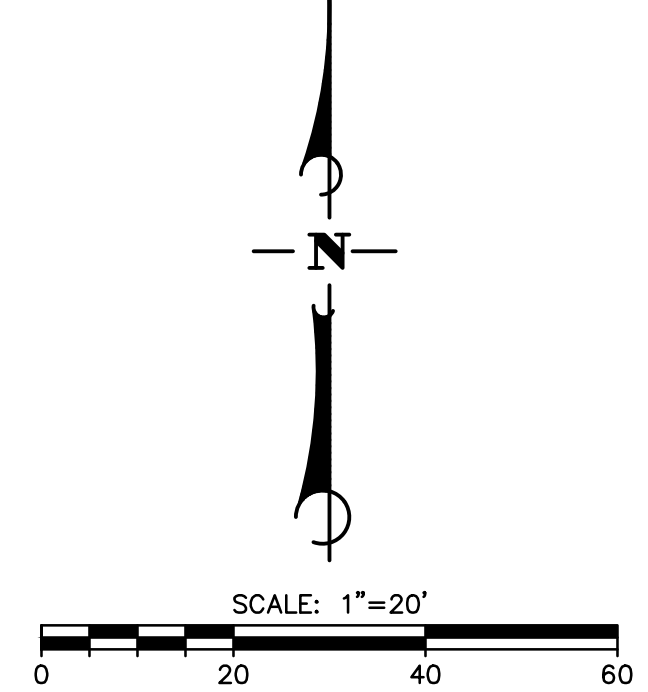
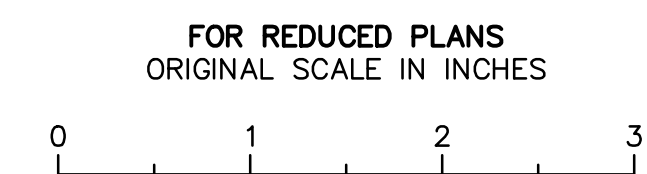
1. THE CONTRACTOR SHALL UTILIZE THIS PLAN ONLY AS A GUIDE TO FULFILL ALL REGULATORY AND PRACTICAL REQUIREMENTS RELATED TO EROSION CONTROL AND STORM WATER POLLUTION PREVENTION.
2. CONTRACTOR SHALL REVIEW AND PERFORM ALL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS, WHICH MAY NOT BE LIMITED TO THE FEATURES DEPICTED ON THIS SHEET.
3. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
4. EROSION CONTROL DEVICES MAY BE REMOVED WHEN APPROVED BY THE UNIVERSITY'S REPRESENTATIVE IF THE GRADING OPERATIONS HAVE PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
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8. ALL LOOSE SOIL AND DEBRIS, WHICH MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY, SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE UNIVERSITY'S REPRESENTATIVE.
9. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION AND/OR RUNOFF DAMAGE WITHIN THE SITE SHALL BE AT THE DISCRETION OF THE UNIVERSITY'S REPRESENTATIVE.
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11. THE CONTRACTOR SHALL HIRE A CERTIFIED QUALIFIED SWPPP PRACTITIONER (QSP) TO MONITOR EROSION CONTROL WORK IN ACCORDANCE WITH THE APPROVED PLANS. THE WORK ALSO INCLUDES, BUT IS NOT LIMITED TO, INSPECTION OF EROSION CONTROL MEASURES BEFORE EACH RAINSTORM AND 5-DAY PROBABILITY RAIN FORECAST, AS WELL AS WEEKLY AND QUARTERLY MONITORING, AND FILE ANNUAL REPORTS AND NOTICE OF TERMINATION AFTER THE PROJECT COMPLETION.
12. IF RAIN IS FORECAST OR THREATENING, ALL STOCKPILED MATERIALS SHALL BE TARPED TO PREVENT EROSION. TARP SHALL BE ANCHORED WITH GRAVEL FILLED BAGS AT 8' INTERVALS.
13. WHENEVER SEDIMENT-LADEN WATER MUST BE REMOVED FROM THE CONSTRUCTION SITE, A Dewatering PUMP, A FILTER BOX, PORTABLE SEDIMENT TANK, OR SOME FORM OF FILTERING MEDIA IS TO BE USED PRIOR TO OR DURING DISCHARGE.

**EROSION CONTROL LEGEND**



**EROSION CONTROL CONSTRUCTION NOTES**

1. CONSTRUCT FIBER ROLL PER DETAIL "A" ON SHEET C10 AND SILT FENCE PER DETAIL "D" ON SHEET C10. FIBER ROLL SPACING SHALL NOT EXCEED 20' SPACING FOR SLOPES 4:1 AND FLATTER, 15' FOR SLOPES BETWEEN 2:1 AND 4:1, AND 10' FOR SLOPES 2:1 AND GREATER (U.N.O.).
2. CONSTRUCT DRAIN INLET PROTECTION PER DETAIL "B" ON SHEET C10 FOR USE DURING PROJECT CONSTRUCTION.
3. CONSTRUCT CONCRETE WASH-OUT AREA PER DETAIL "C" ON SHEET C10.
4. CONSTRUCT STABILIZED ENTRANCE (A MINIMUM 20 FEET LONG BY FULL CONSTRUCTION ENTRANCE ROADWAY WIDTH METAL RUMBLE STRIP OR AS AN ALTERNATE 12" COMPACTED THICKNESS OF 2" TO 3" DIAMETER GRAVEL PAD) AT ALL ACCESS POINTS FROM THE JOB SITE TO PREVENT TRACKING OF MUD ONTO PUBLIC ROADS, UNLESS OTHERWISE APPROVED BY UNIVERSITY'S REPRESENTATIVE.



**EROSION CONTROL PLAN (EAST)**

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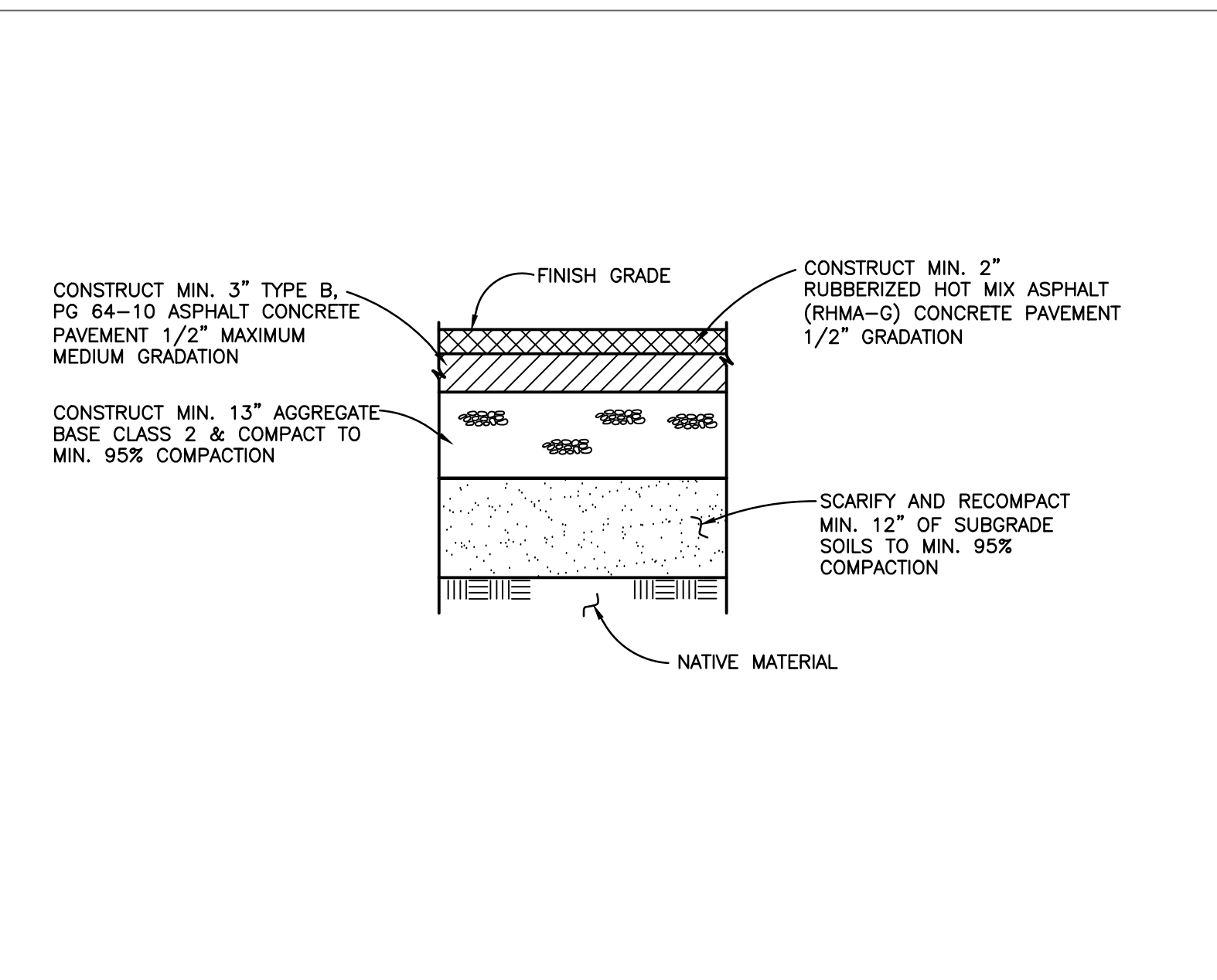
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UCen Road  
Santa Barbara, California



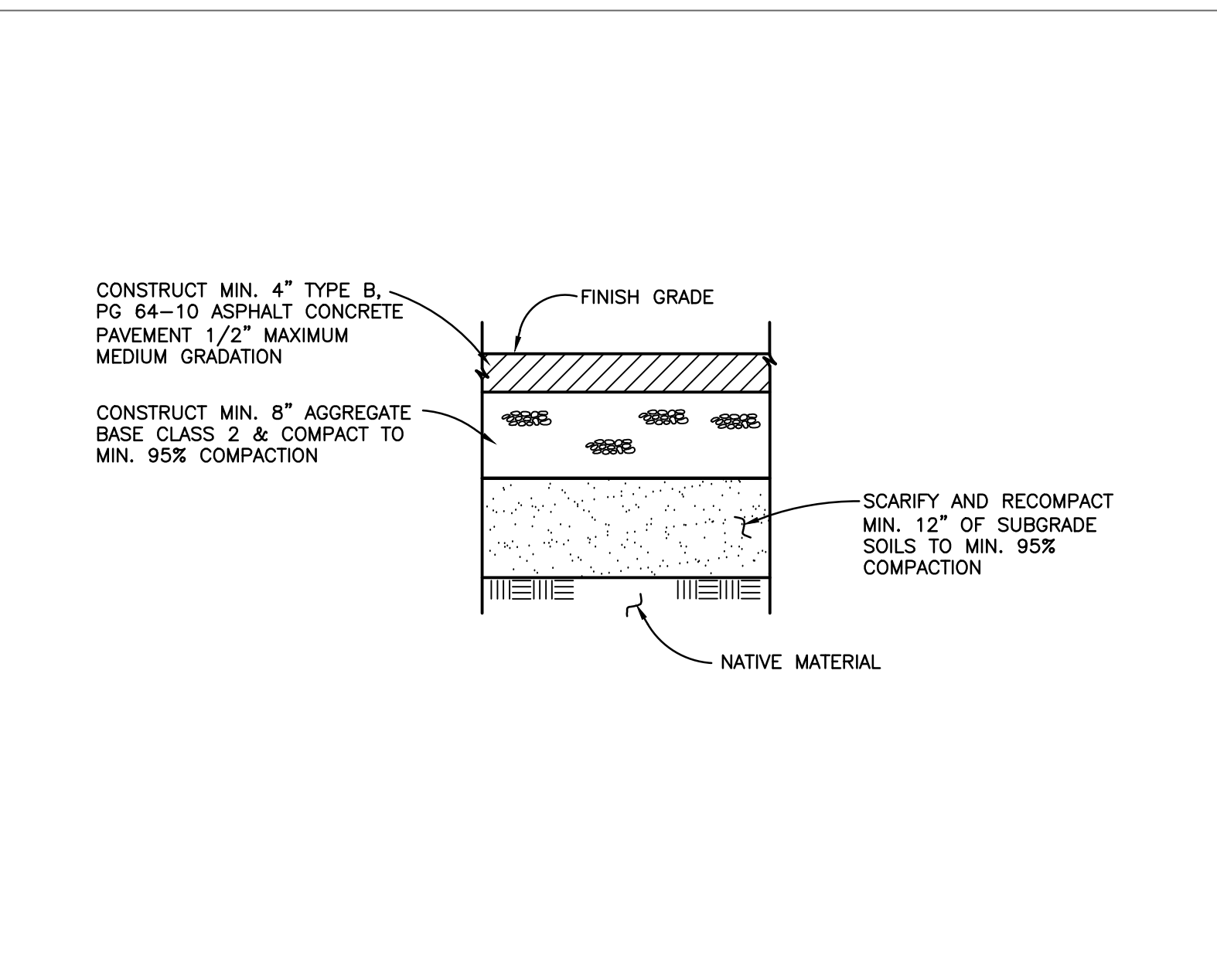
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C8

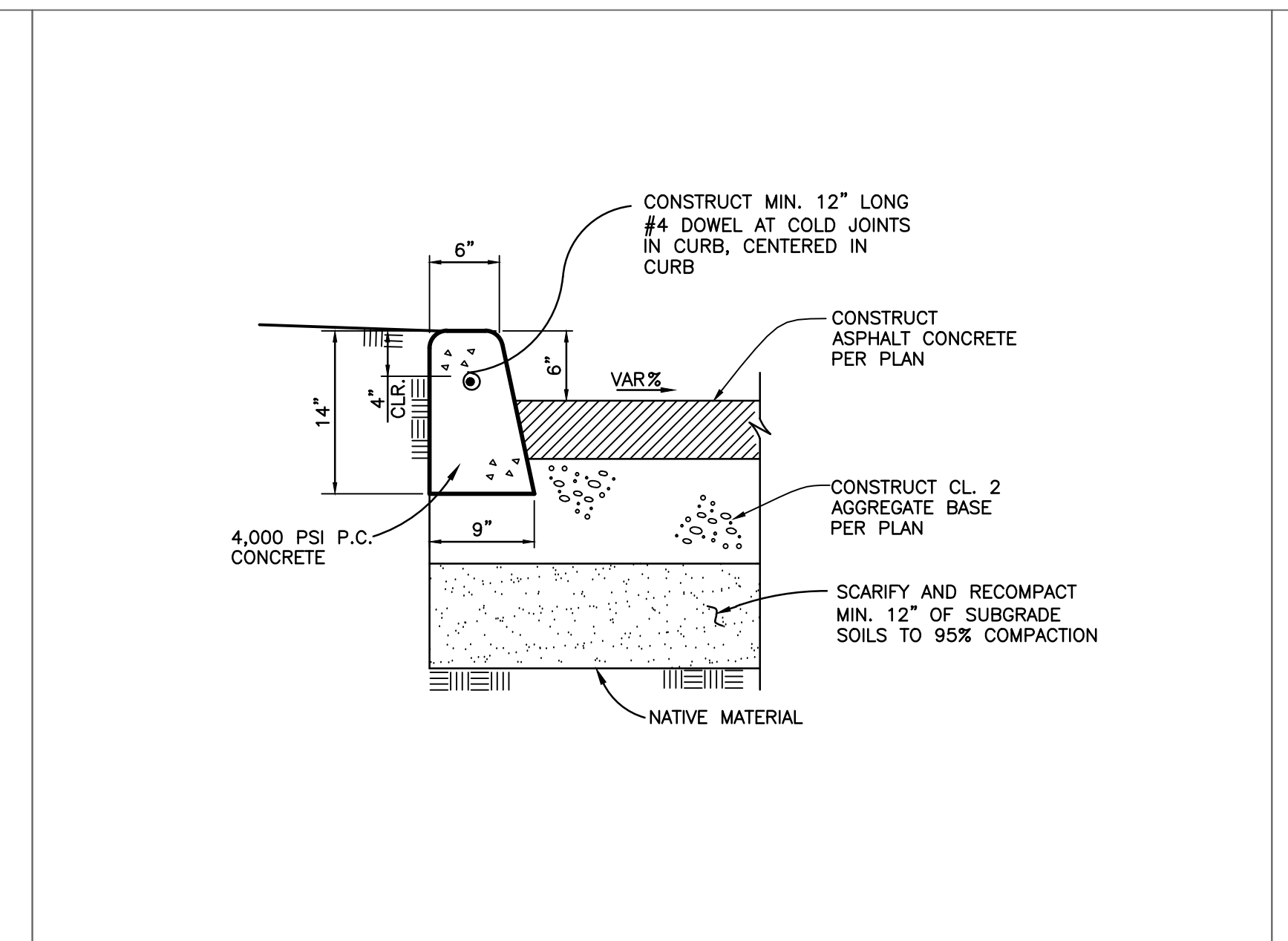
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UCSB DWG NO. 34-388



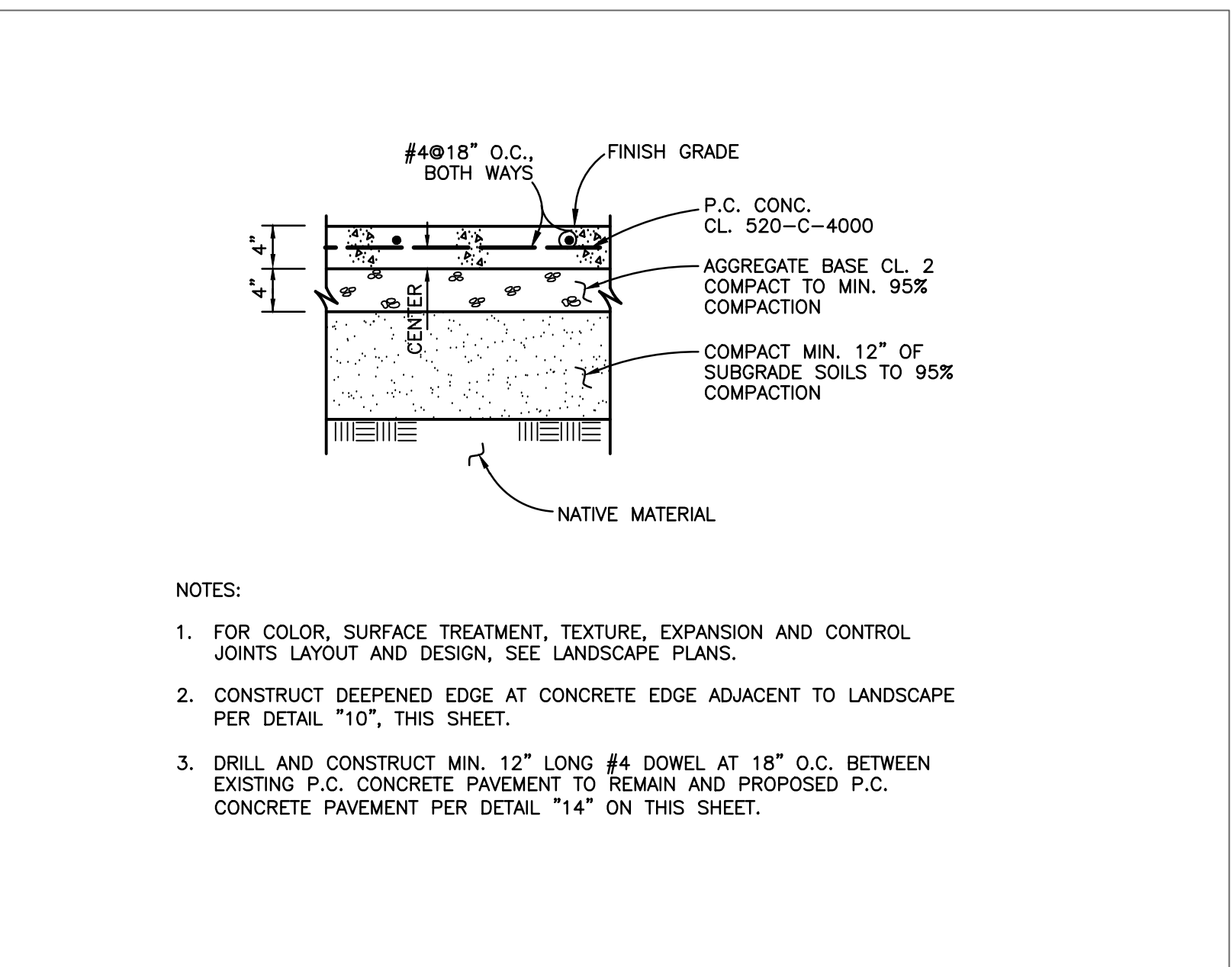
**RUBBERIZED AC PAVEMENT STRUCTURAL SECTION** NOT TO SCALE 1



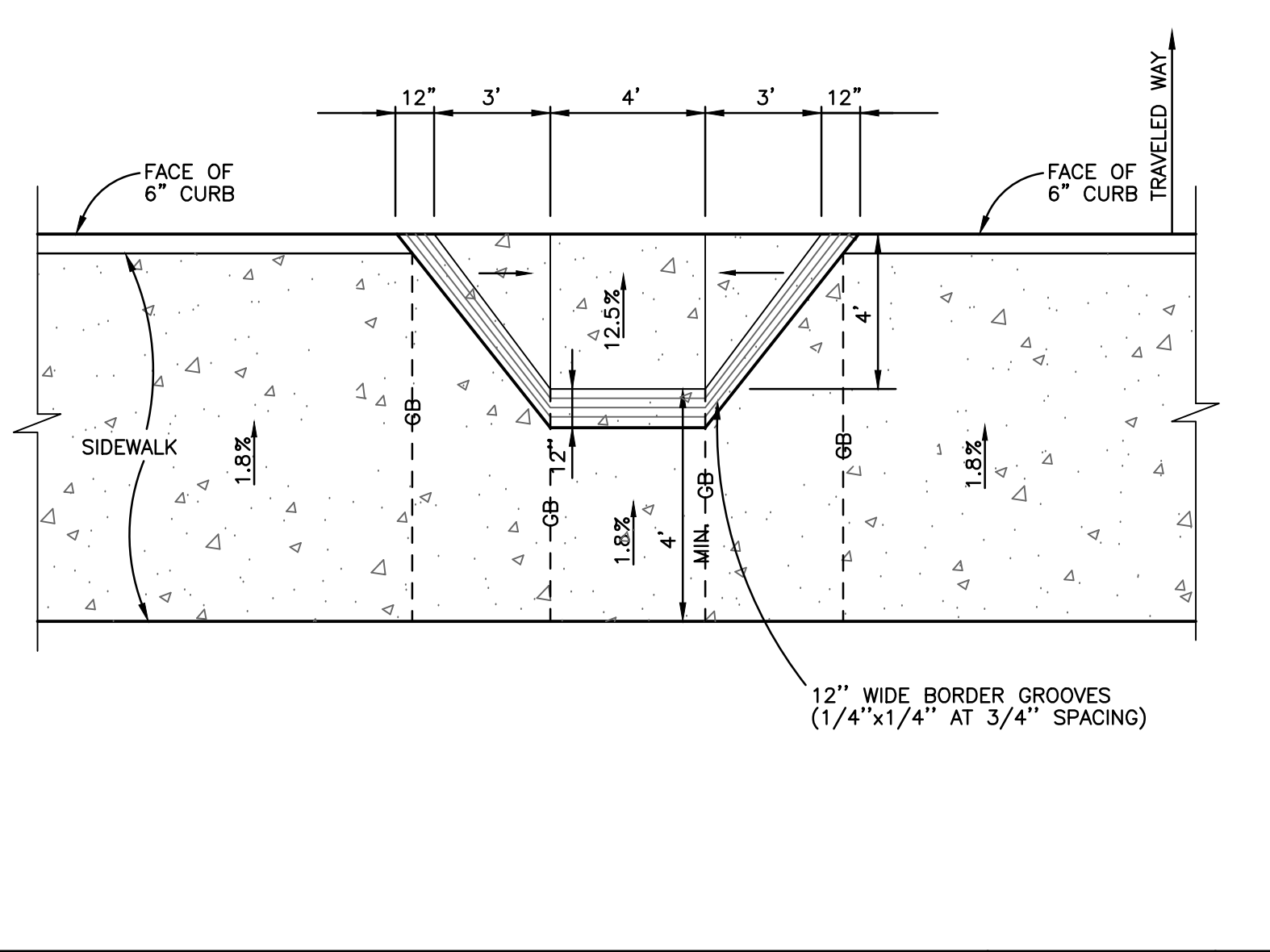
**ASPHALT CONCRETE PAVEMENT STRUCTURAL SECTION** NOT TO SCALE 2



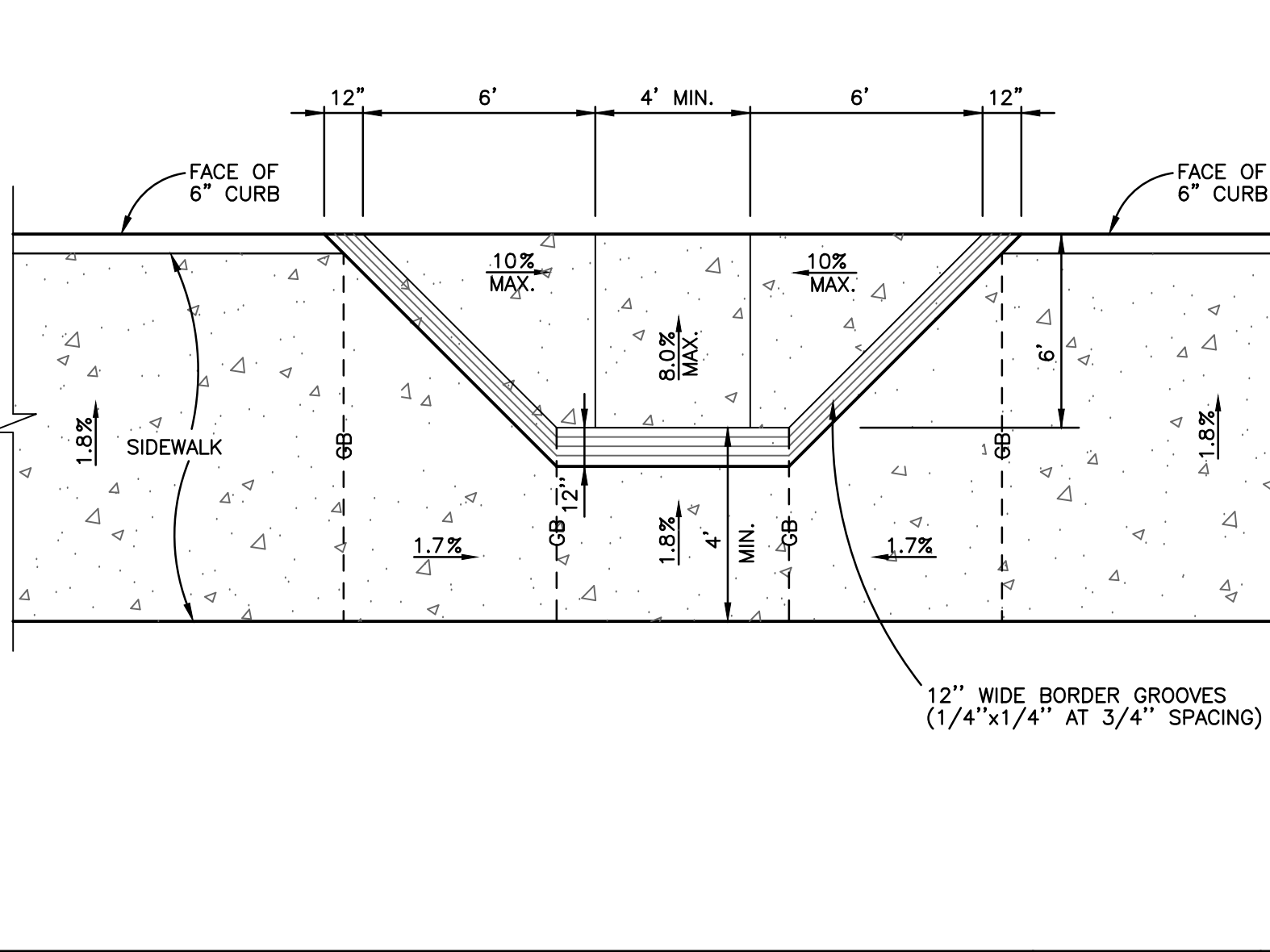
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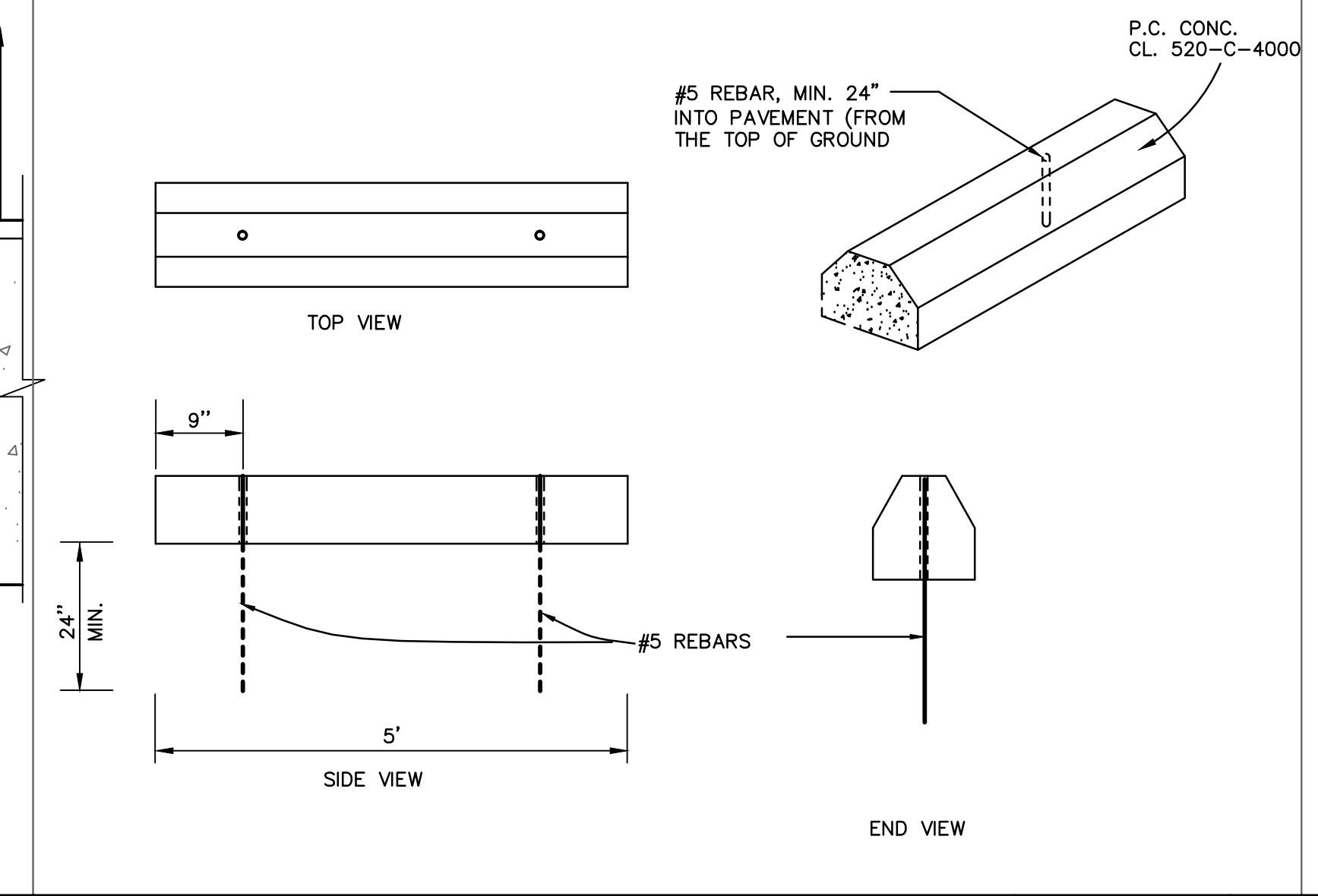
**CONCRETE STRUCTURAL SECTION** NOT TO SCALE 4



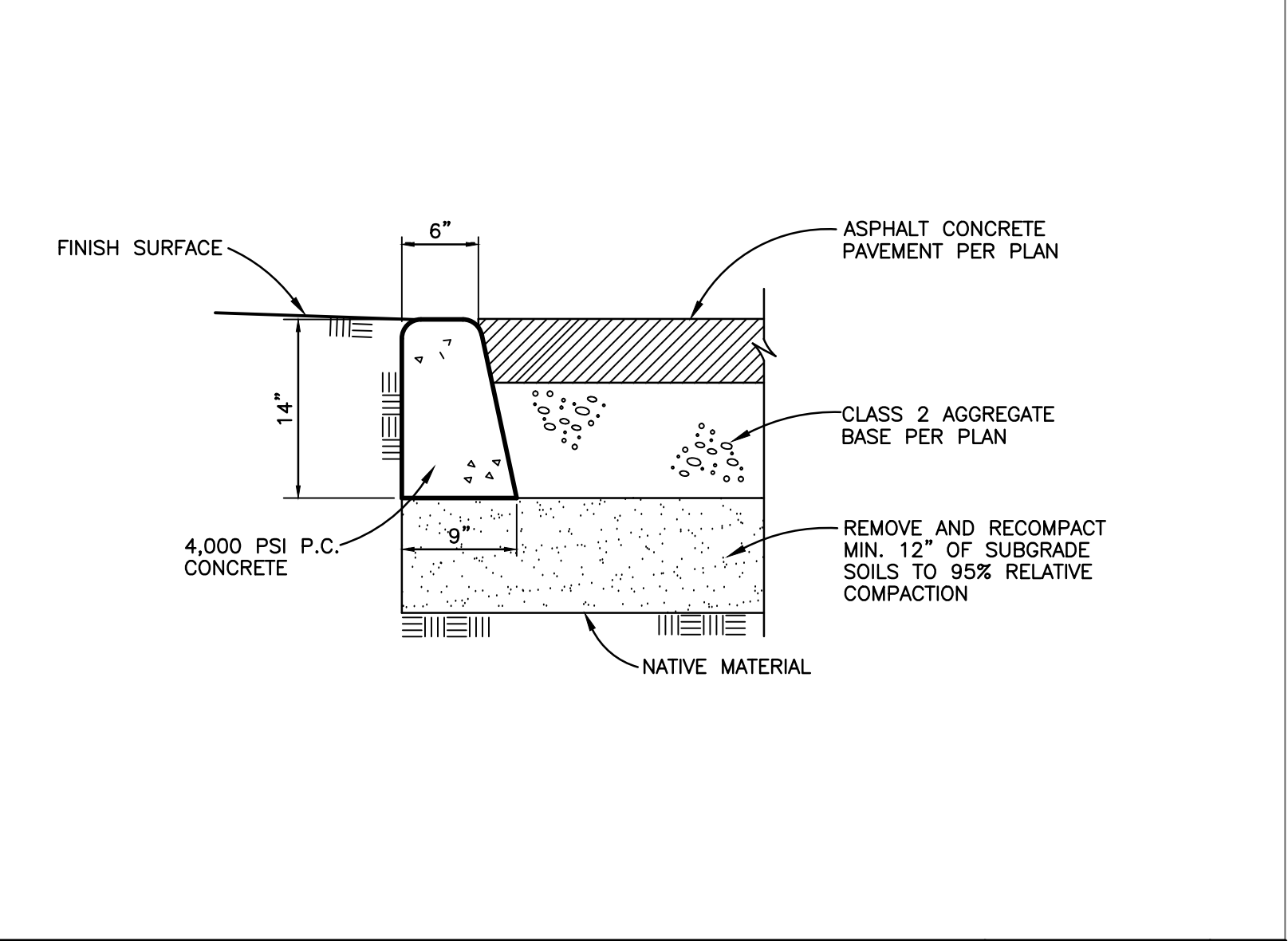
**BIKE RAMP** NOT TO SCALE 5



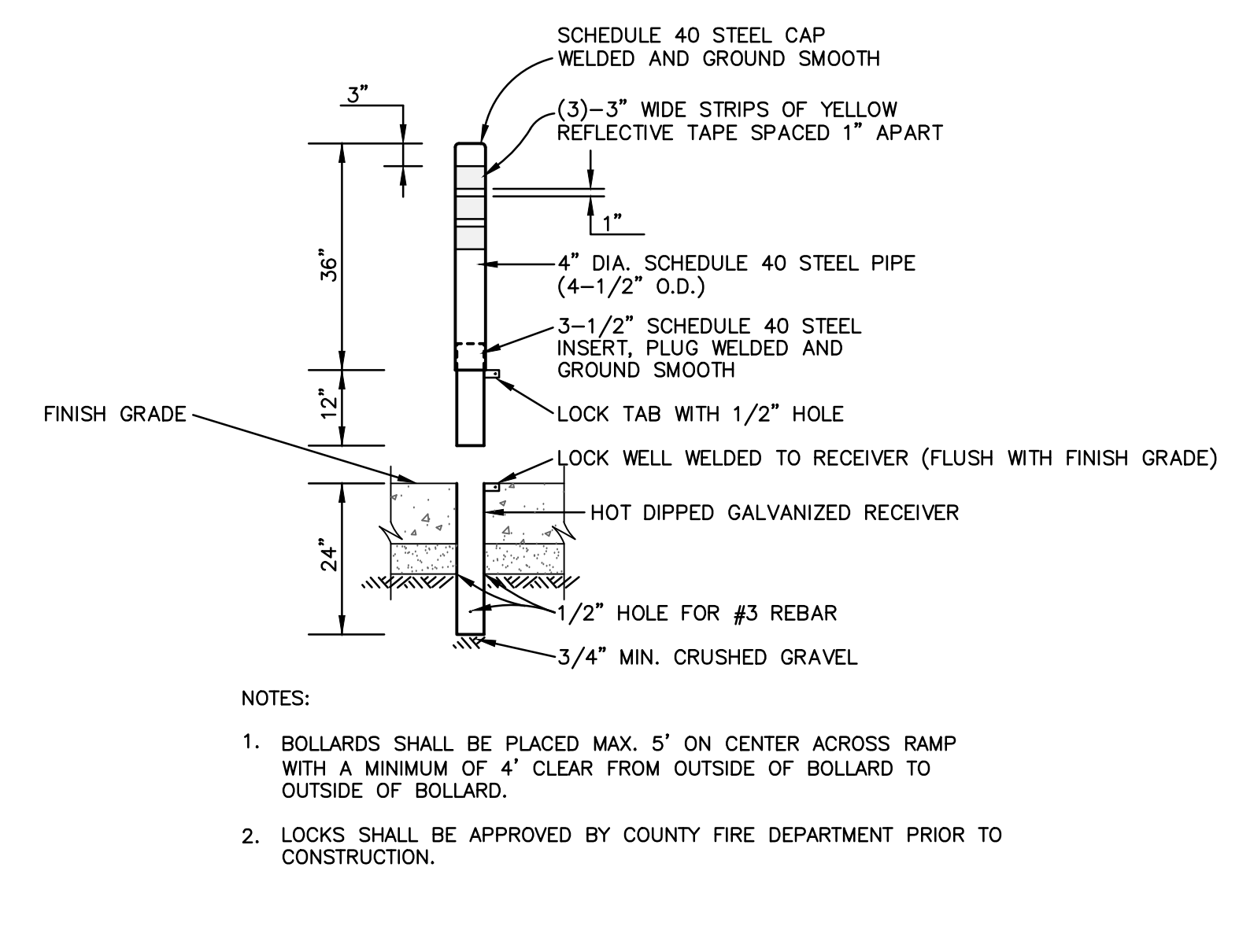
**ACCESSIBLE RAMP** NOT TO SCALE 6



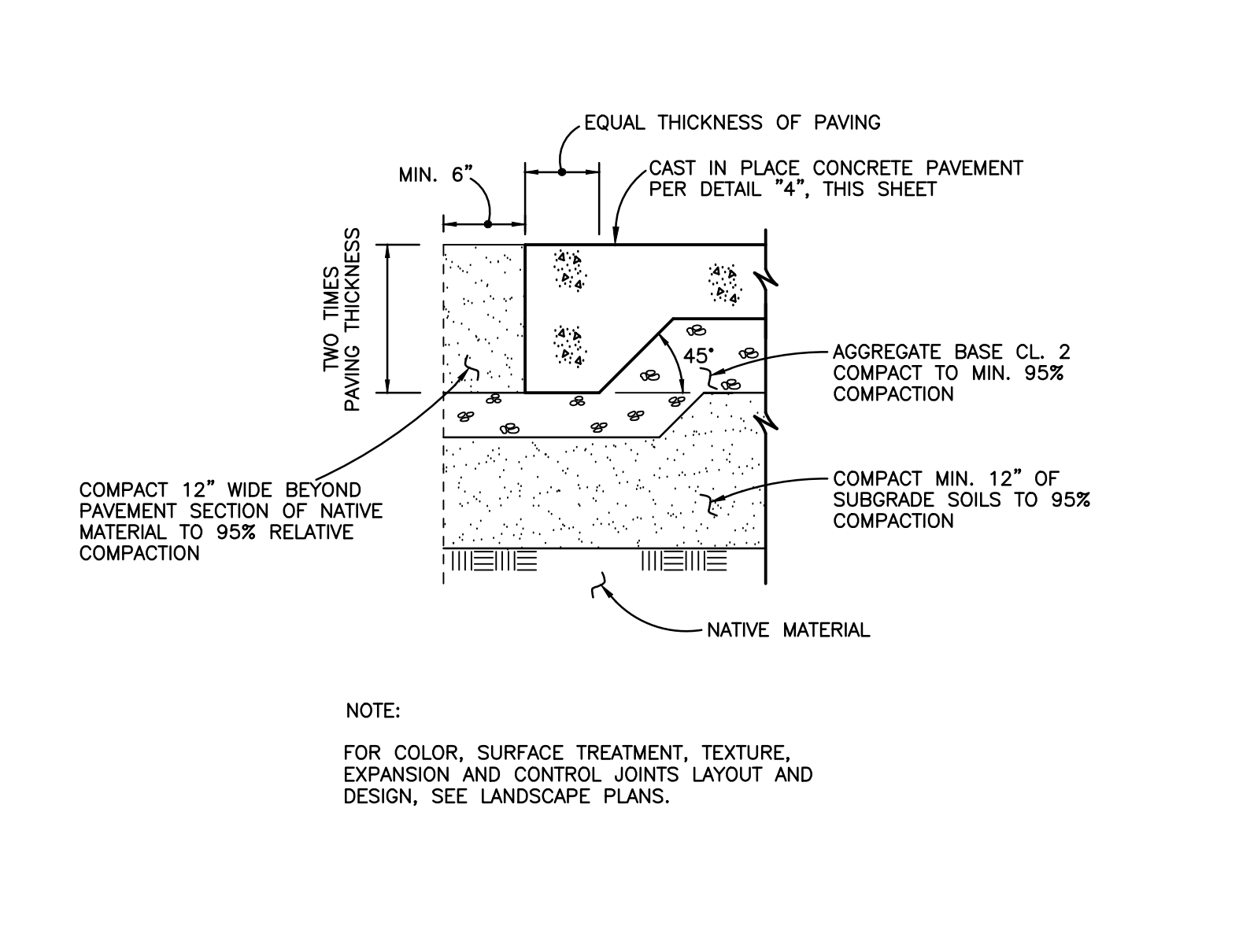
**CONCRETE WHEELSTOP** NOT TO SCALE 7



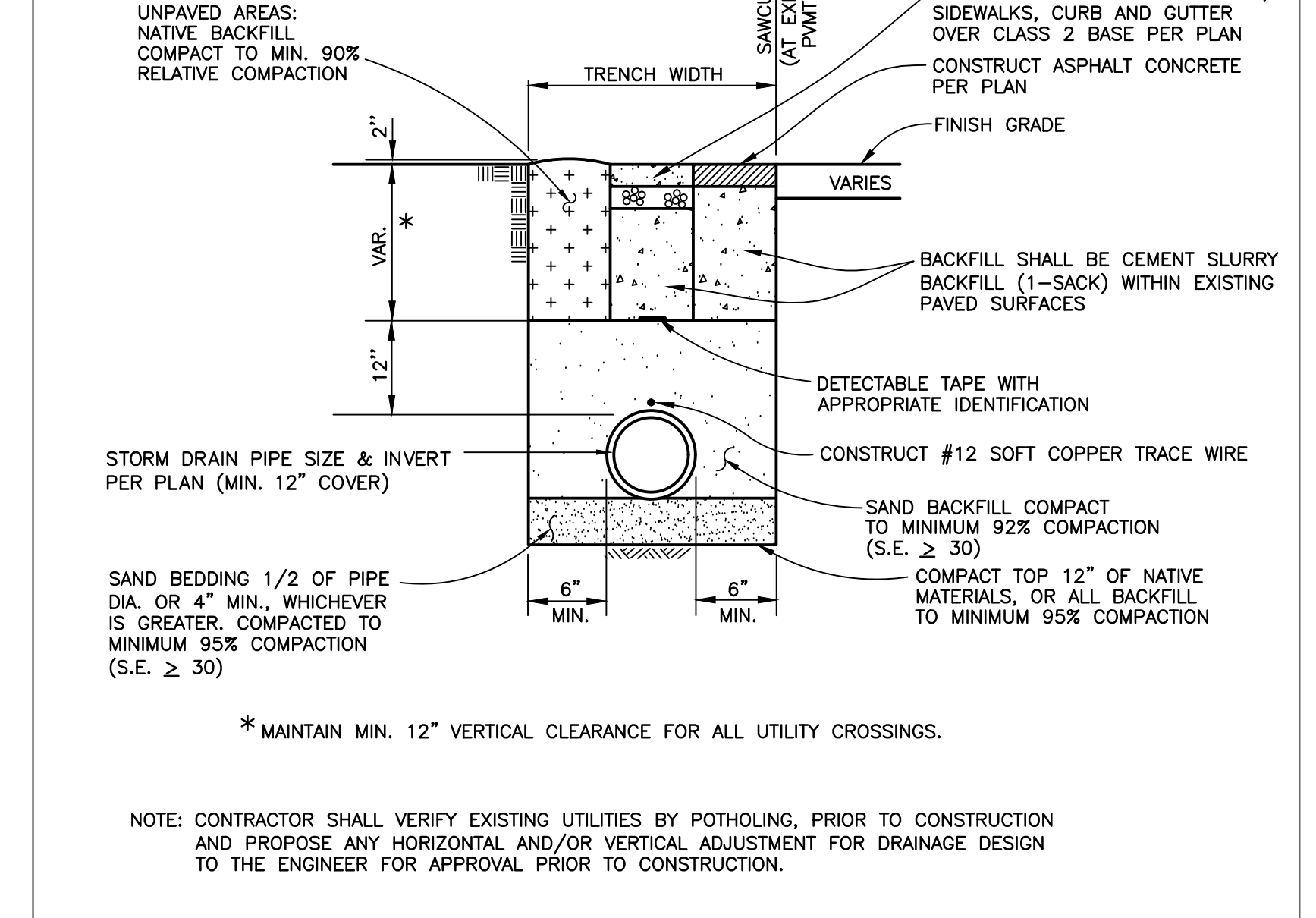
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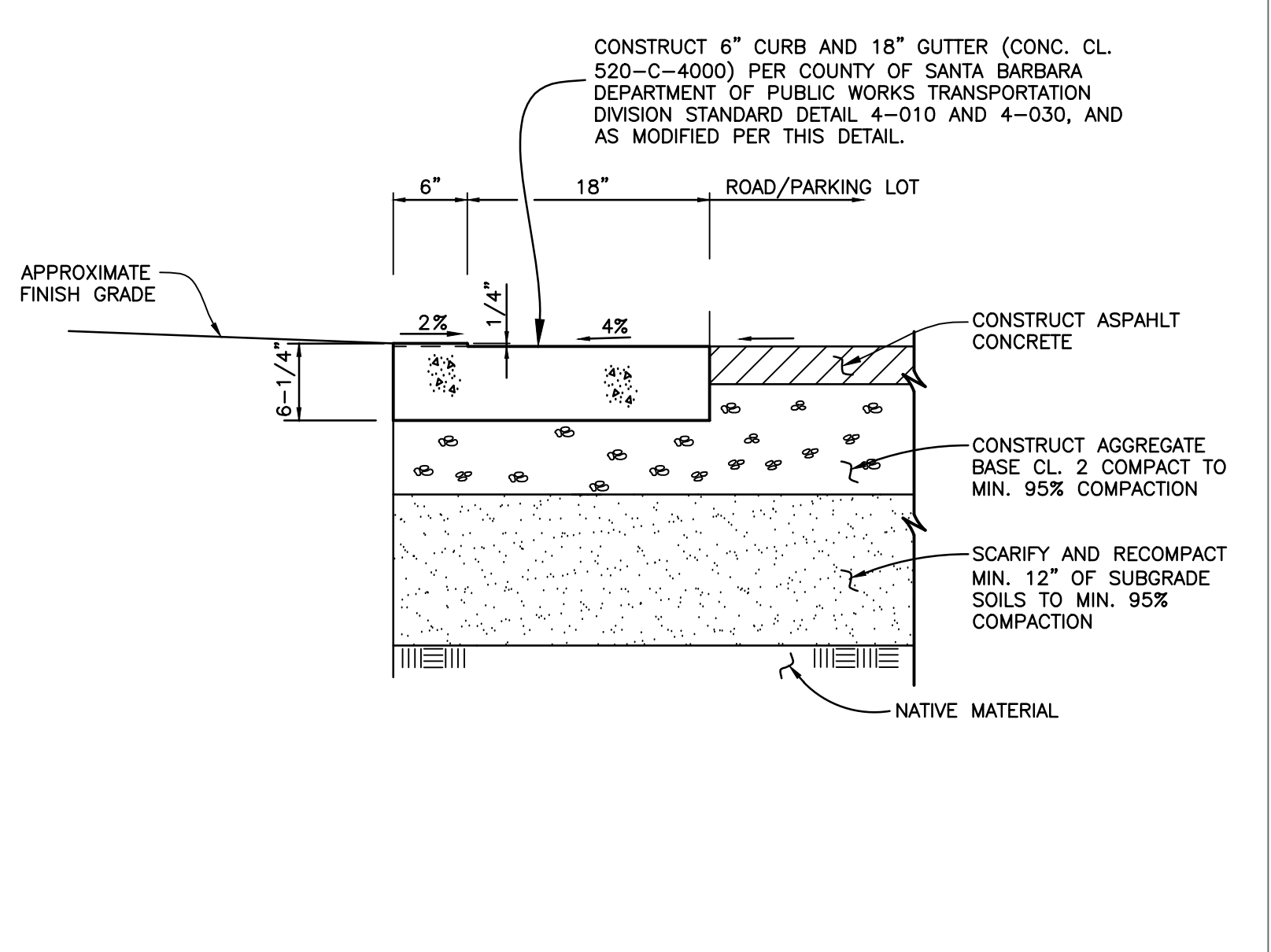
**REMOVABLE METAL BOLLARD** NOT TO SCALE 9



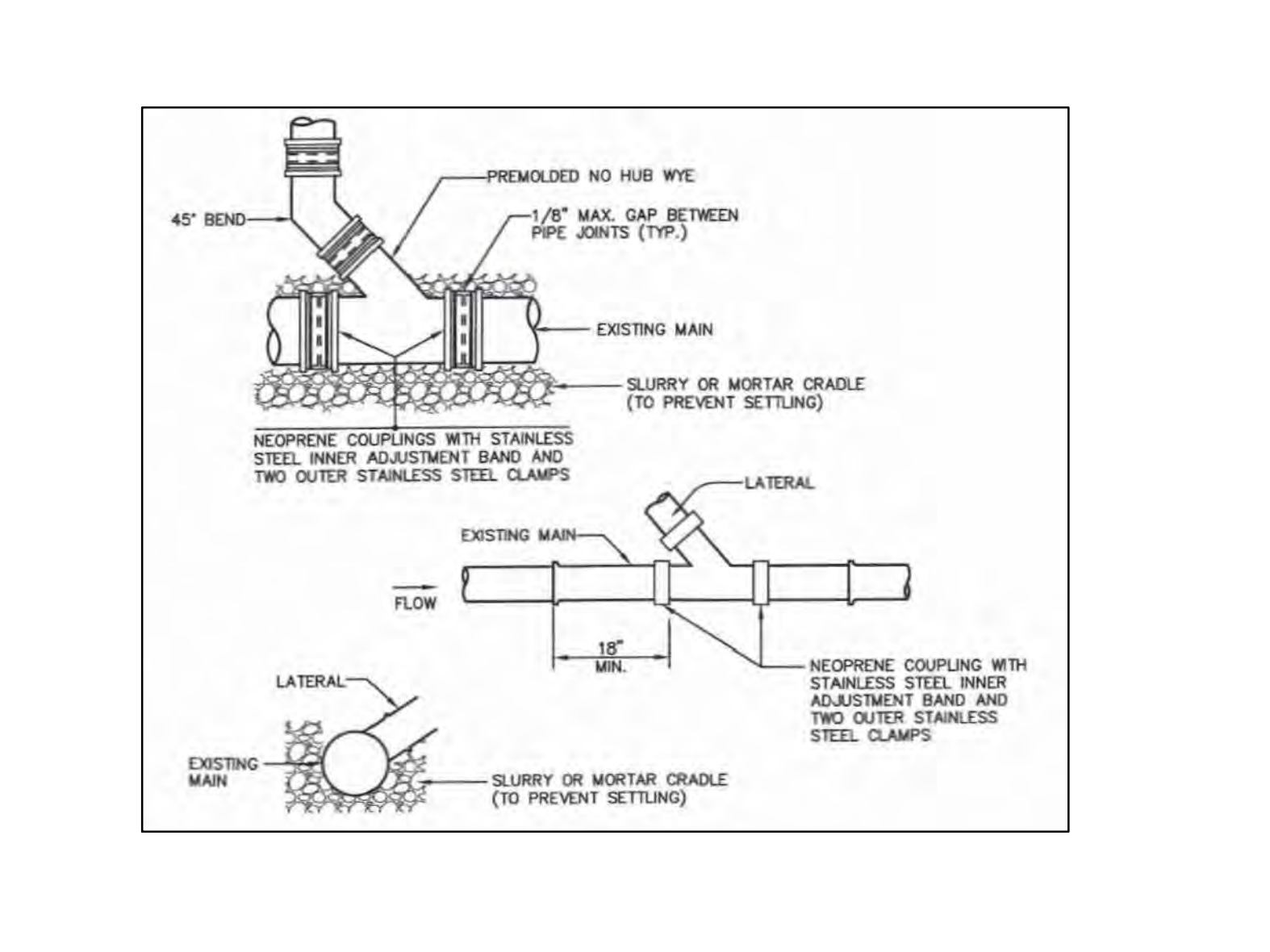
**TYPICAL DEEPEDED EDGE DETAIL** NOT TO SCALE 10



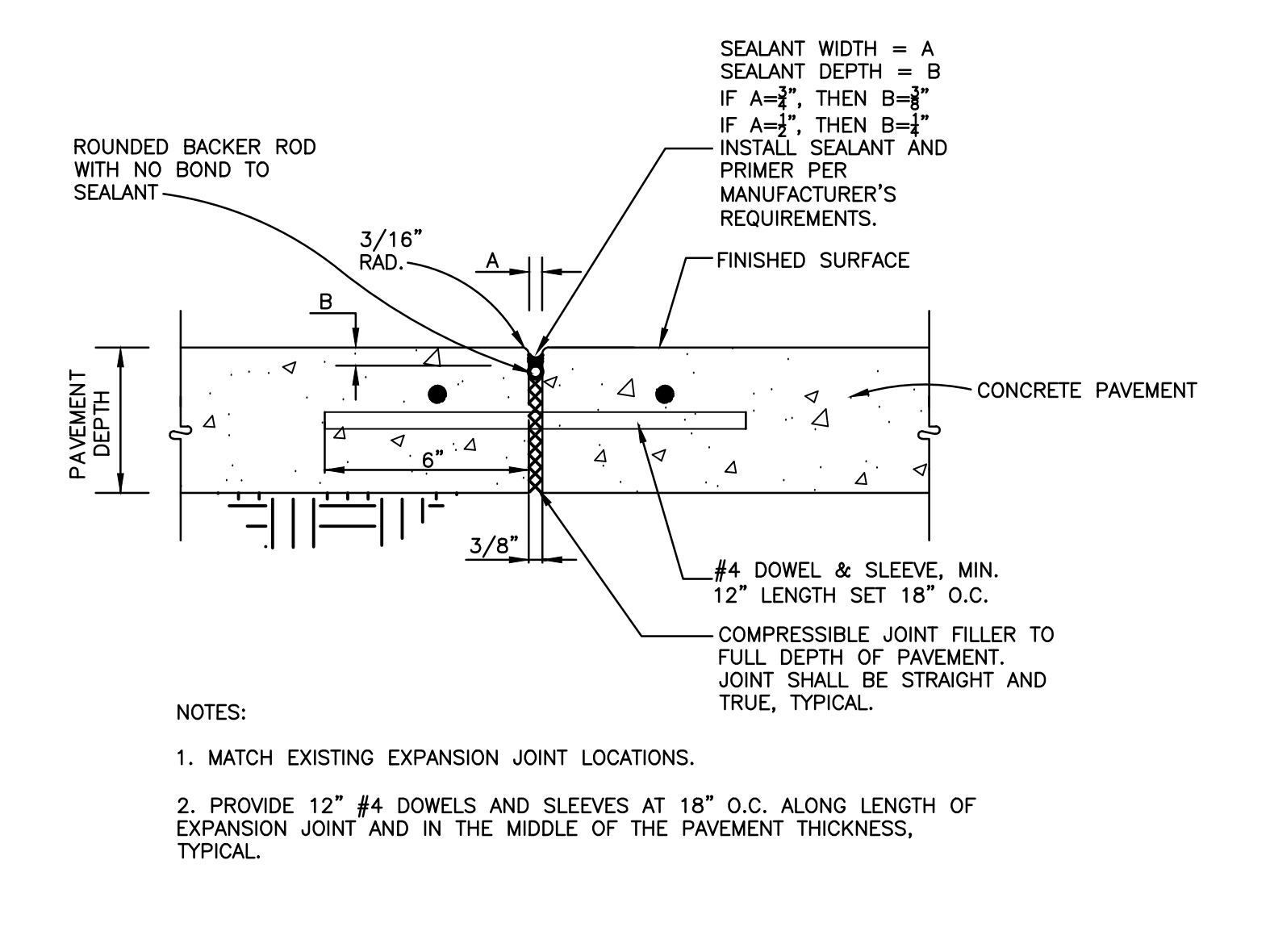
**TYPICAL UTILITY TRENCH SECTION** NOT TO SCALE 11



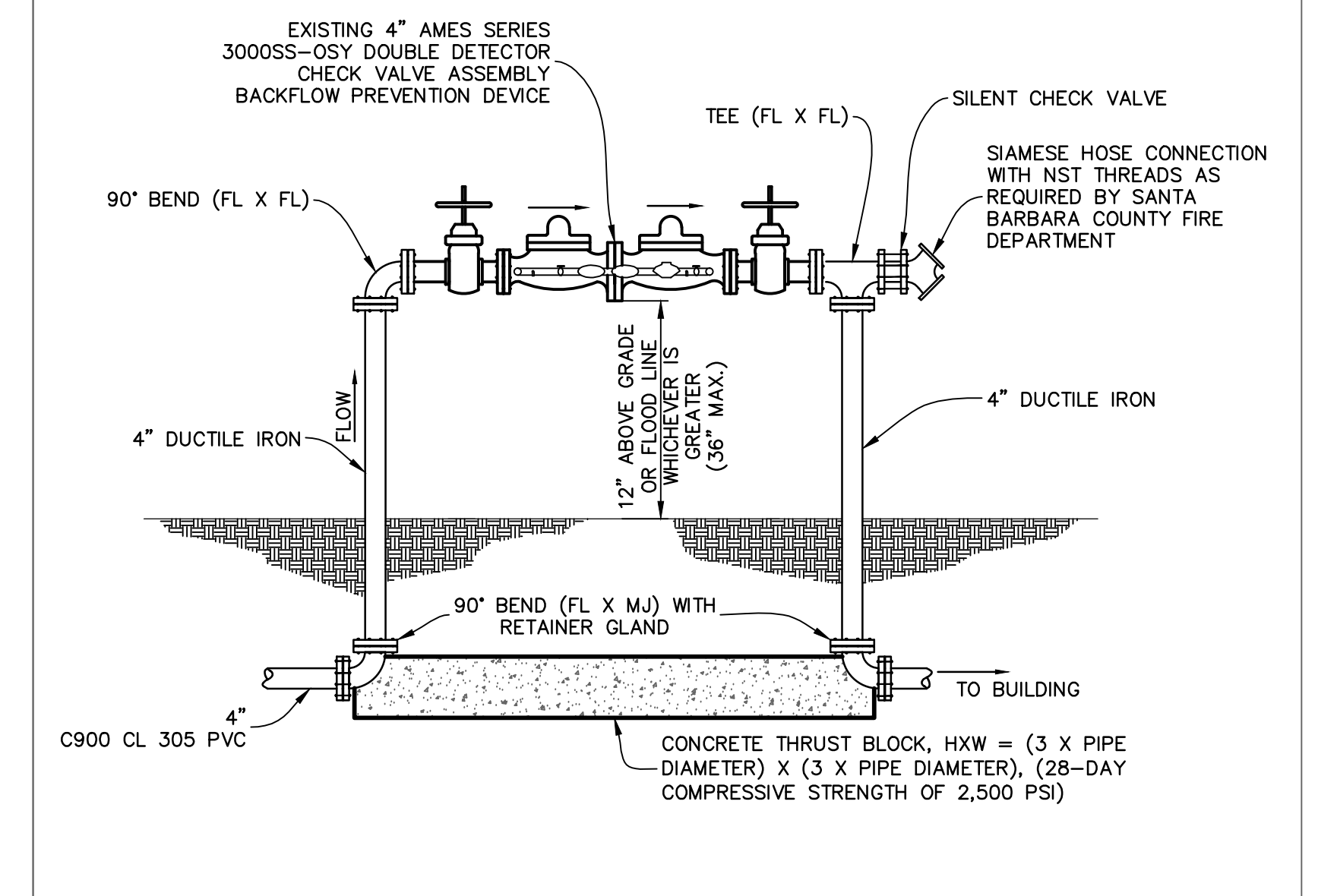
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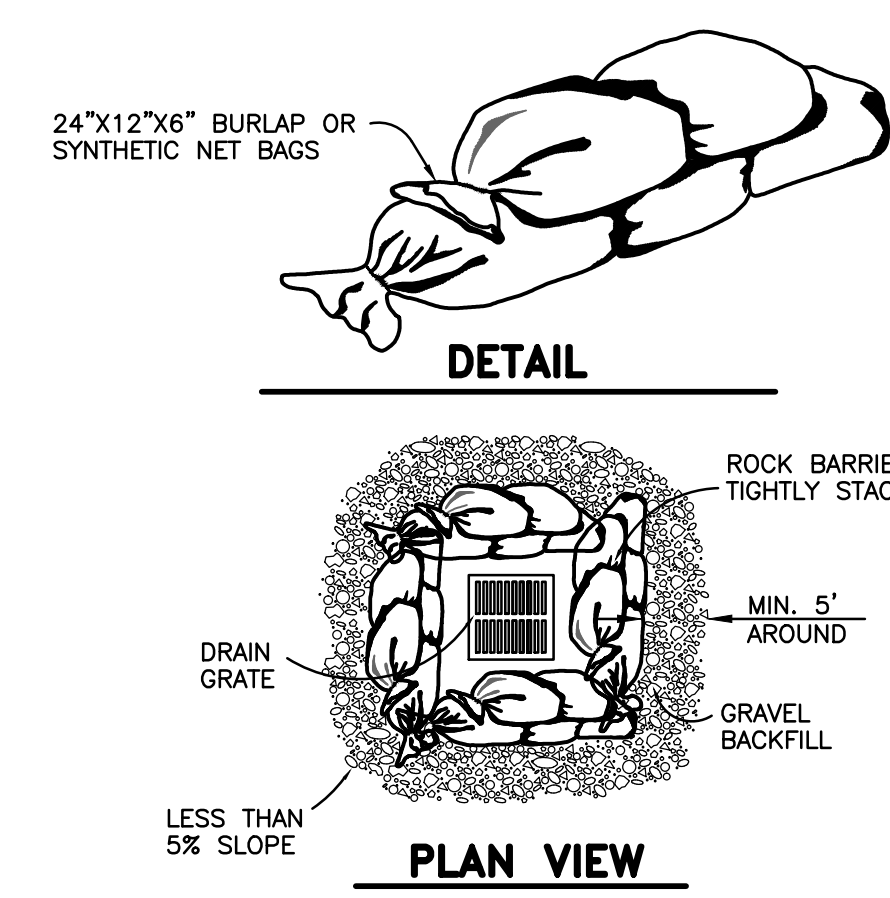
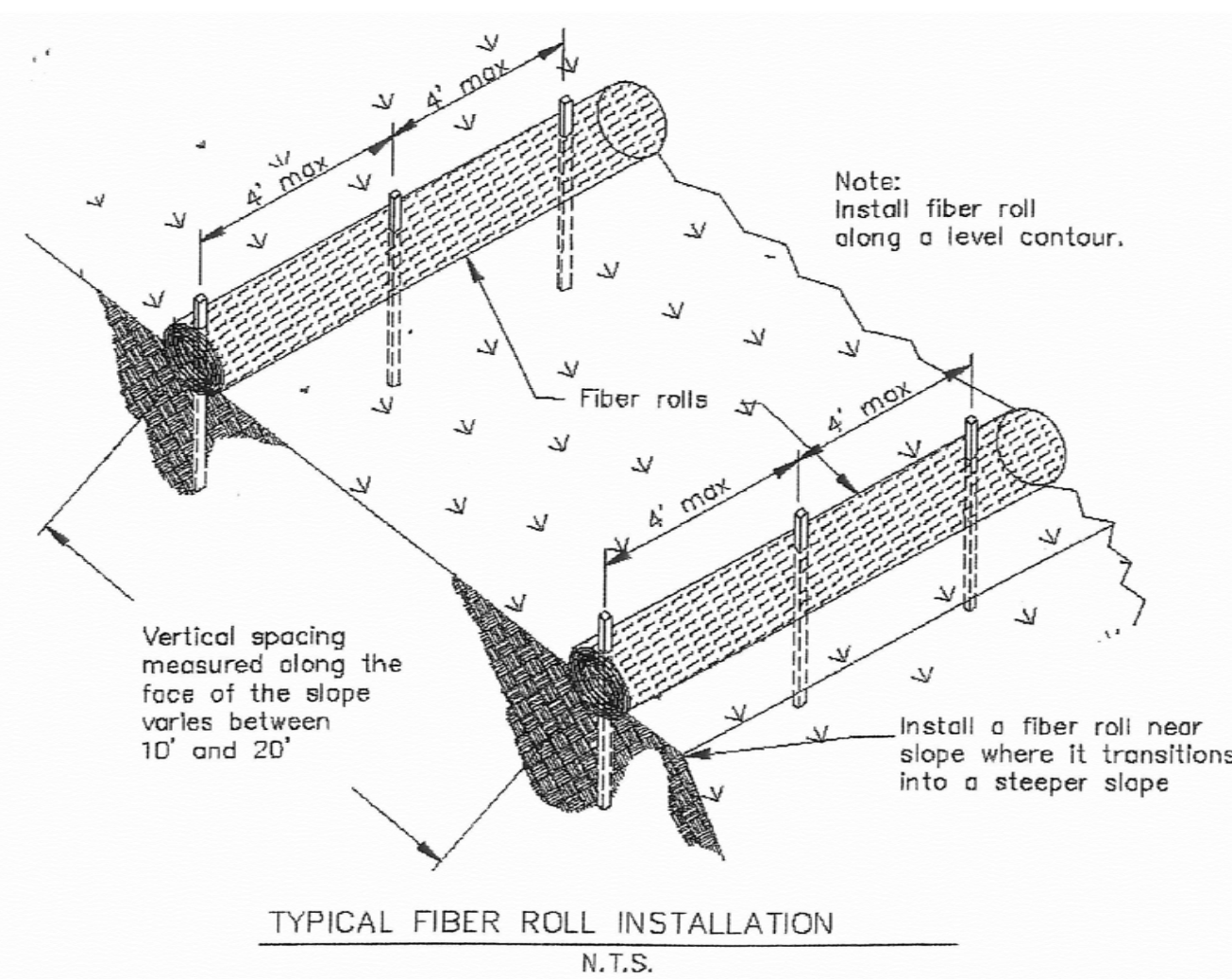
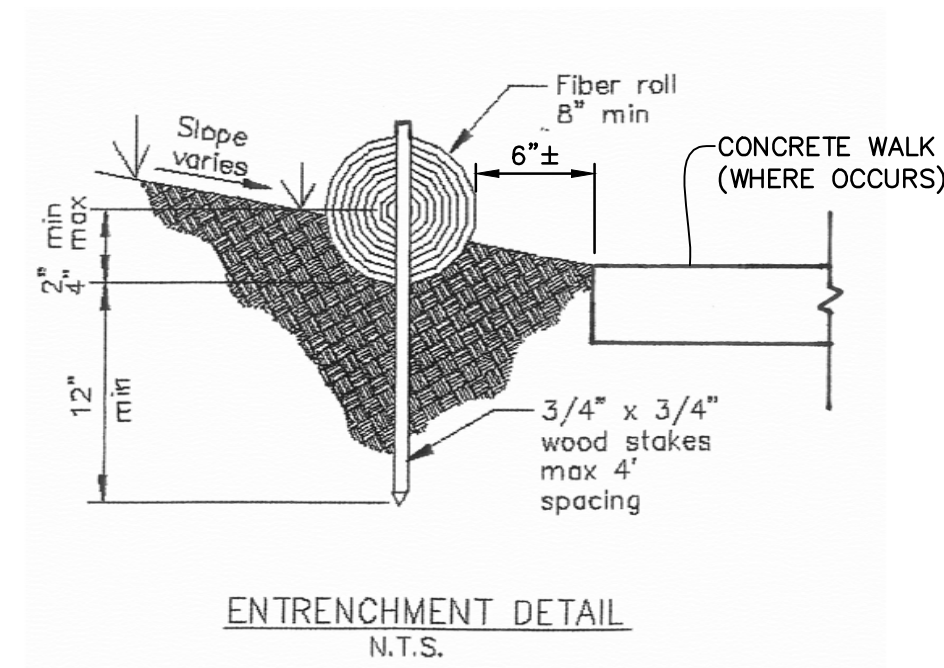
**WYE CONNECTION DETAIL** NOT TO SCALE 13



**EXPANSION JOINT** NOT TO SCALE 14



**4\"/>**



- NOTES:
1. FILL ROCK BARRIER BAGS 3/4 FULL OF 3/4\"/>



- NOTES:
1. ALL CONCRETE TRUCKS AND FINISHING TOOLS SHALL BE WASHED AT THE WASH OFF AREA.
  2. ALL CONCRETE WASTE COLLECTED IN WASH OFF AREA SHALL BE RECYCLED OR APPROPRIATELY DISPOSED OF OFF-SITE.
  3. LOCATION AND SIZE OF WASH-OFF AREA MAY BE ADJUSTED TO ACCOMMODATE SITE CONDITIONS.

Date

11-12-13
4-16-14
5-12-14
6-20-14
8-20-14
4-15-15

FIBER ROLL DETAILS

NOT TO SCALE

A

ROCK BAG CATCH BASIN SEDIMENT BARRIER

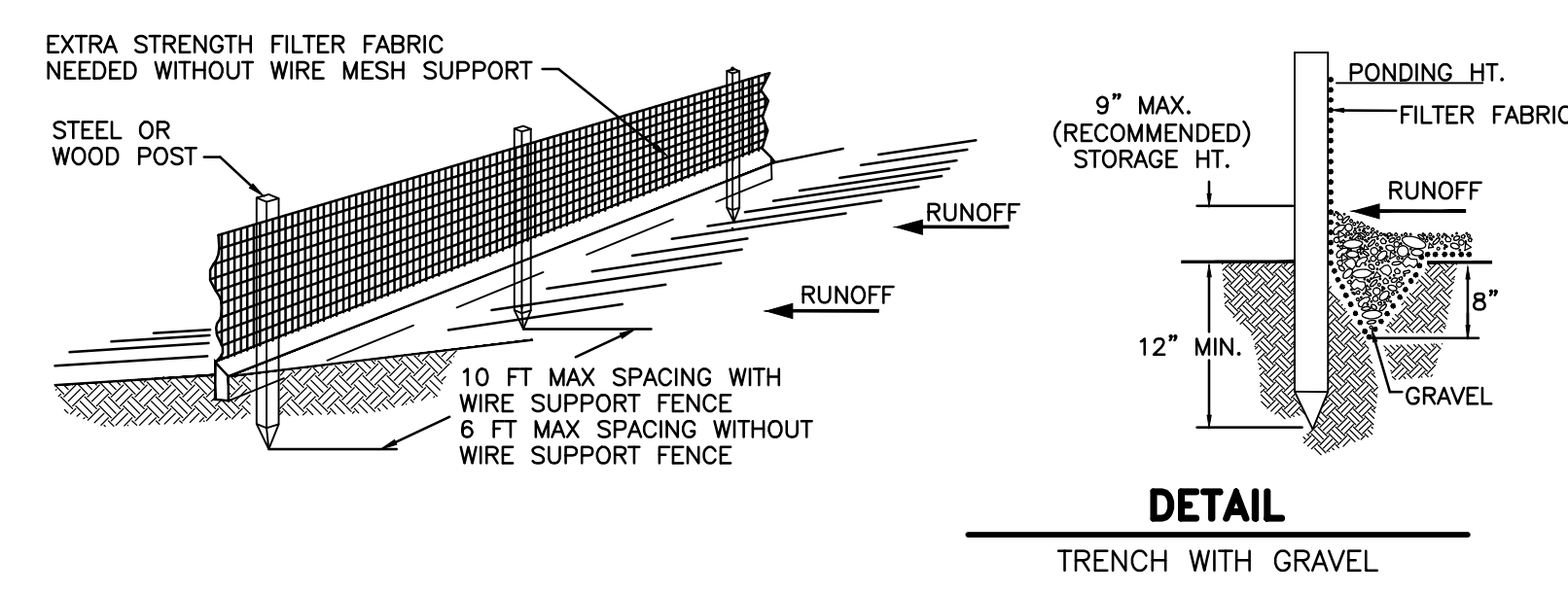
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B

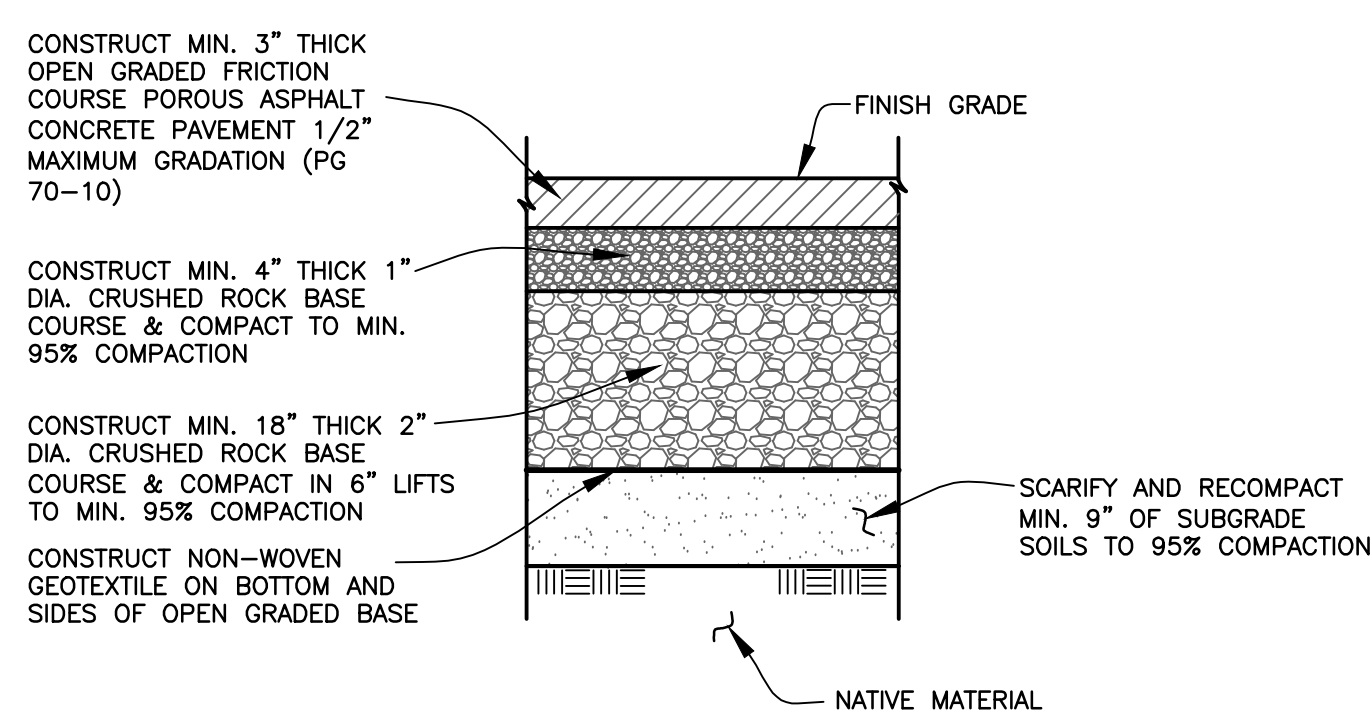
CONCRETE WASH-OUT AREA

NOT TO SCALE

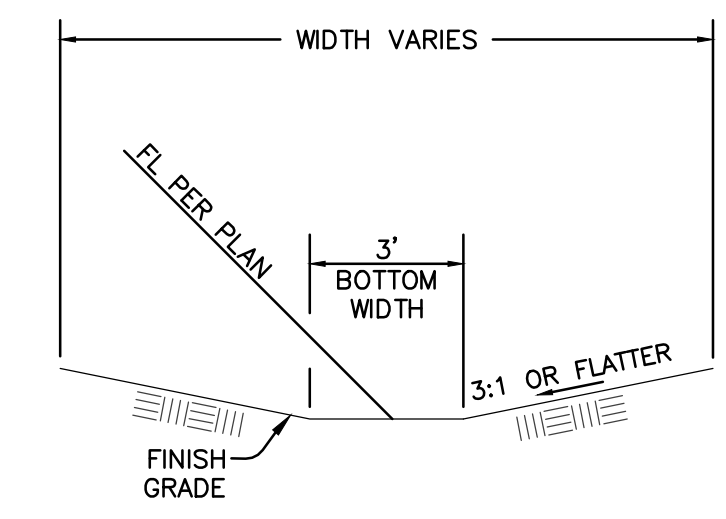
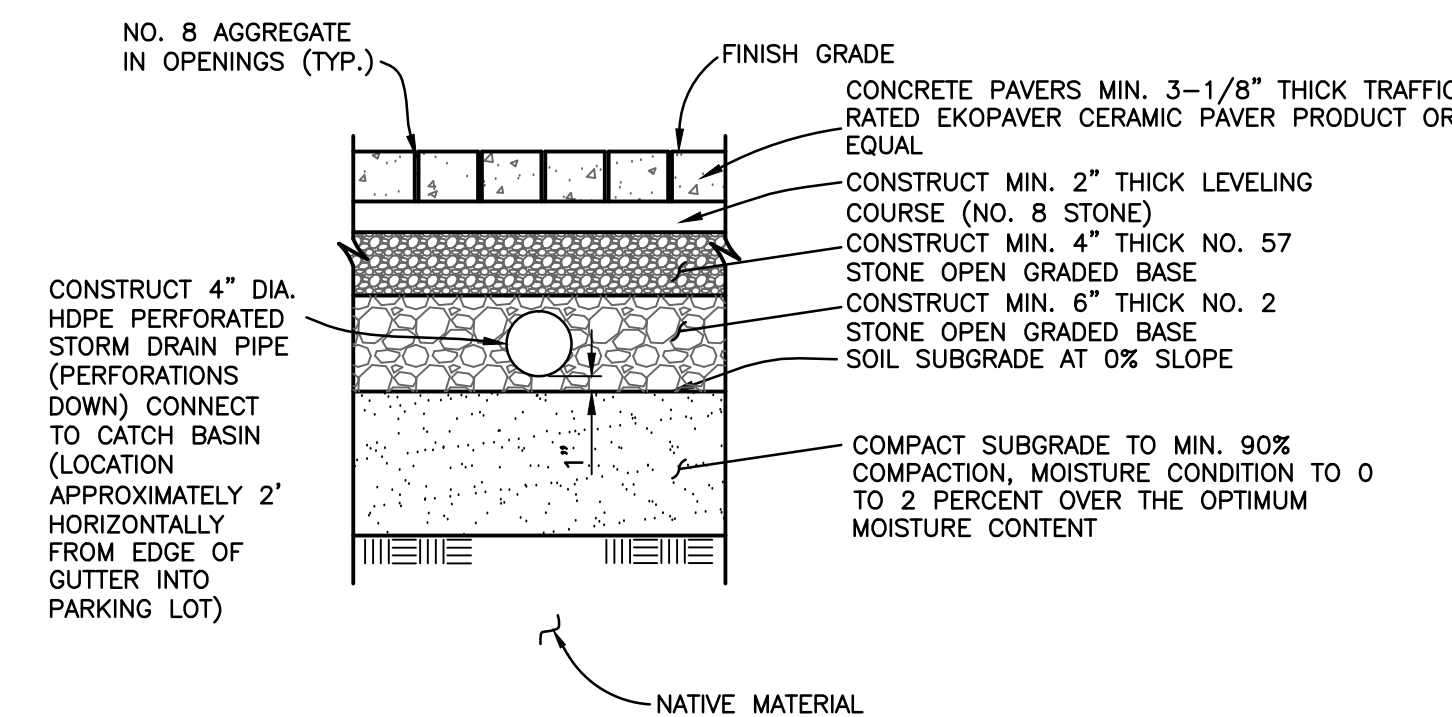
C



- NOTES:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
  2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
  3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



- NOTES:
1. OVEREXCAVATE EXISTING SUBGRADE MATERIAL TO MIN. 12\"/>



TEMPORARY SILT FENCE DETAIL

NOT TO SCALE

D

POROUS PAVEMENT STRUCTURAL SECTION

NOT TO SCALE

16

PERMEABLE PAVER STRUCTURAL SECTION

NOT TO SCALE

17

GRADED SWALE SECTION

NOT TO SCALE

18



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Sheet

C10

Of -

DETAILS

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