

GENERAL NOTES

1. This project is subject to the "Standard Plans and Specifications for Public Works Construction" (Cronbook), latest edition, including supplements to the City of Colton Standard Division "Standard Construction Drawings".
2. All work shall be in accordance with the City Engineer, all other improvements shall be completed to the satisfaction of the City Engineer.
3. Contractor shall implement all City, County, State and Federal job site safety requirements as they relate to dust control, equipment movement, noise, hours of work and construction between the hours of 5:00 P.M. and 7:00 A.M. on any day nor on Saturday, Sunday or any holiday at any time without prior approval in writing of the City Engineer.
4. The Contractor shall not conduct any operations or perform any work pertaining to the Project during the hours of 5:00 P.M. and 7:00 A.M. on any day nor on Saturday, Sunday or any holiday at any time without prior approval in writing of the City Engineer.
5. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
6. Contractor shall remove and replace all broken, cracked or raised sidewalks, drive approach, or curb and gutter within property footage. For corner lots, both street frontages shall be replaced.
7. All work shall be in accordance with the information appearing on the Plans.
8. Three notes shall be provided on the public right of way requires a separate Permit (Sheet Out Permit, Street Improvement Permit, Encroachment Permit, etc.) issued by the Public Services Department, Engineering Division.
9. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
10. These plans have been checked based on the assumption that all information shown or implied on the Plans is correct. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
11. The Registered Civil Engineer signing these plans is responsible for assuring the accuracy and acceptability of the work herein. In the event any discrepancies arise during construction, the Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
12. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
13. No work on off-site improvements may be started without an approved Street Improvement Permit issued by the City Engineer.
14. All utility installations within the public right of way require a Street Cut Permit issued by the Public Services Department, Engineering Division.
15. For information regarding electrical installations within the public right of way contact the City Engineer.
16. Gas, phone and cable utilities have franchise agreements with the City of Colton, and are required to secure their own Street Improvement Permit and/or Street Cut Permit from Public Services Department, Engineering Division.
17. A separate permit is required for any fence constructed on-site. This permit is issued by the City Engineer.
18. Prior to the commencement of any work in public streets, or within the public right of way, the Contractor shall provide a Traffic Control Plan (in triplicate) to the City Engineer for review.
19. Traffic Control Plans for minor public right of way improvements shall conform to the City Engineer's requirements.
20. No work may begin without an approved Traffic Control Plan, and once begun, Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
21. Any Contractor working within the public right of way is subject to the licensing and insurance requirements of the City.
22. The Contractor shall take all necessary and proper precautions to protect adjacent properties and shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
23. Trees, foliage, signs, and other improvements shall be protected in place and any damage to existing improvements shall be repaired or replaced in kind to the satisfaction of the City Engineer.
24. It shall be the responsibility of the Contractor to locate all substructures within the alignment of the proposed improvements, and in the event of subsurface damage, the Contractor shall bear the total cost of repair or replacement.
25. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
26. The Contractor is advised that all excavated materials shall become his property and shall be removed from the job site unless instructed by the City Engineer, in writing, to do otherwise.
27. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
28. Trenches deeper than 5'0" will require a CAL-OSHA permit. A copy of the permit shall be provided to the City Engineer.
29. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
30. The Contractor shall provide a 72-hour notification to the affected properties, the Police Department, and the Fire Department of the proposed improvements, and shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
31. Road deliveries in excess of twenty-four (24) hours shall require approval of the City of Colton (Temporary Road Closure Permit) must be submitted to the City Engineer in sufficient time to process the request.
32. The Contractor shall be responsible for obtaining all necessary permits and for obtaining all necessary approvals from the City Engineer, including any hazardous and deleterious material disclosed during and after the work from the site.
33. Contractor shall comply with these requirements and City Engineer's directions during the course of construction.

CITY OF COLTON
COUNTY OF SAN BERNARDINO, CALIFORNIA
XXXXXX



VICINITY MAP

INDEX OF DRAWINGS

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UTILITY PURVEYORS:

CITY OF COLTON PUBLIC WORKS DEPARTMENT
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NOTIFICATIONS:

CONTRACTOR SHALL NOTIFY THE CITY OF COLTON AT LEAST 7 WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION
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GRADING PLAN NOTES AND QUANTITIES

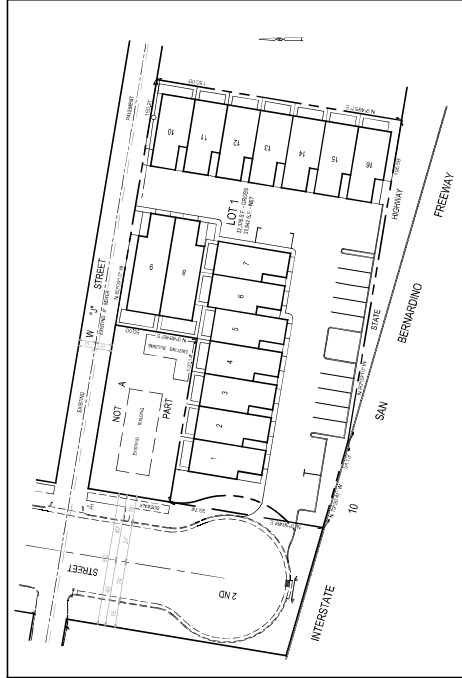
1	CONSTRUCT SIX FOOT HIGH CONCRETE BLOCK WALL	25 EA
2	CONSTRUCT SEVEN FOOT HIGH SOUND WALL	145 LF
3	CONSTRUCT DRIVEWAY PAVEMENT PER SOILS ENGINEER'S RECOMMENDATIONS	6,300 SF
4	CONSTRUCT FIRE DEPARTMENT TURN AROUND - PAVEMENT TO MEET FIRE DEPARTMENT SPECIFICATIONS (SHADED AREA ONLY)	4,150 SF
5	CONSTRUCT SIDEWALK/DRIVEWAY CONCRETE PAVEMENT PER SOILS ENGINEER'S RECOMMENDATIONS	815 SF
6	CONSTRUCT CONCRETE CURB PER DETAIL ON SHEET No. 3	25 EA
7	CONSTRUCT CONCRETE SLAB AS SHOWN	26 LF
8	INSTALL DURA DRAIN DTPFA-MDGS0825A 4" SQUARE TRENCH DRAIN SEE SHEET No. 3 FOR DETAIL	387 LF
9	CONSTRUCT 6" HIGH METAL FENCE AS SHOWN	

STORM DRAIN SYSTEM NOTES AND QUANTITIES

10	INSTALL 12"x12" PLASTIC BASIN W/ FOSSIL FILTER	25 EA
11	INSTALL 4" PVC SDR 35 PIPE AS SHOWN	524 LF
12	INSTALL 6" PVC SDR 35 PIPE AS SHOWN	74 LF
13	INSTALL 24"x24" TRAFFIC WEIGHT CATCH BASIN AND INSTALL AN OLDCASTLE FGP-24F FLOODGATE FILTER INSERT	2 EA
14	INSTALL MAXWELL IV DRYWELL - TOTAL DEPTH = 22'	1 EA
15	INSTALL MAXWELL IV DRYWELL - TOTAL DEPTH = 30'	1 EA
16	INSTALL OLDCASTLE STORMCAPTURE (7'x15'x3' I.D.) MODULES	5 EA

EROSION CONTROL NOTES AND QUANTITIES

17	INSTALL SE-11, SILT FENCE	783 LF
18	SE-7, STREET SWEEPING & VACUUMING	LS
19	SE-10, STORM DRAIN INLET	4 EA
20	INSTALL TC-11, CONSTRUCTION ENTRANCE	550 SF
21	WM-2, MATERIAL USE	540 SF
22	WM-8, CONCRETE WASHOUT	96 SF
23	WM-9, SANITARY/SEPTIC WASTE MANAGEMENT	1 EA



ESTIMATED EARTHWORK

REGULAR GRADING	40 CY
EXCAVATION	105 CY
EMBANKMENT	8,550 CY
TOTALS	8,695 CY

Underground Service Alert

Call 811 or 1-800-422-4133

COINTEGRAL FREE

1-800-422-4133

THE WORKING DAYS BEFORE YOU DIG

BENCHMARK

EA No. 220 - ELEV. = 107.04
TOP OF CURB, 27" S. OF SECTOR
BCH INTERSECTION OF VALLEY
STREET & 100 N 2ND STREET
SB10 GPS 22.02.2007

PREPARED BY:

GILBERT ENGINEERING
COMPANY, INC.

NAME: MTHS, JTHS, Y.E.
DATE: 4/29/07
SCALE: 7/8"=1'-0"
ACCEPTED: _____
DATE: _____
PLAN NO. #####

CITY OF COLTON
PUBLIC WORKS DEPARTMENT

CITY ENGINEER

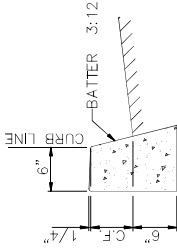
DATE: 4/29/07

TRACED PLAN No. 20767
100 N. 2ND STREET

INDEX

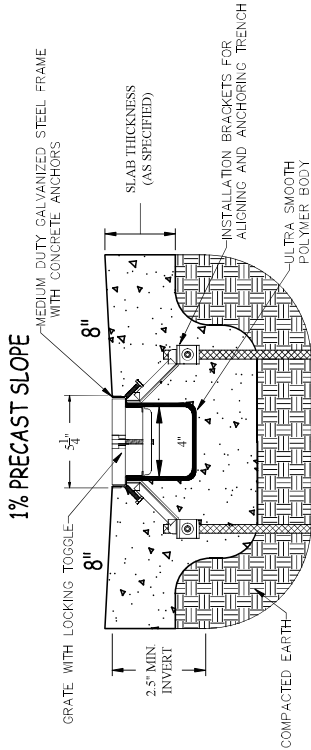
NO.	DATE	BY
1	4/29/07	JTHS
2	4/29/07	JTHS
3	4/29/07	JTHS
4	4/29/07	JTHS
5	4/29/07	JTHS
6	4/29/07	JTHS
7	4/29/07	JTHS
8	4/29/07	JTHS
9	4/29/07	JTHS
10	4/29/07	JTHS

100 N 2nd Street



CONCRETE CURB DETAIL ⑥

NO SCALE



- NOTES:
1. REINFORCE ACCORDING TO STRUCTURAL REQUIREMENTS
 2. TRENCH DRAIN MUST BE 8" BELOW FINISHED CONCRETE GRADE

TYPICAL DTF4-MDGS08ZSA SQUARE TRENCH SECTION ⑧

GRADING PLAN NOTES AND QUANTITIES

- 1—CONSTRUCT SIX FOOT HIGH CONCRETE BLOCK WALL 25 EA
- 2—CONSTRUCT SEVEN FOOT HIGH SOUND WALL 145 LF
- 3—CONSTRUCT DRIVEWAY PAVEMENT PER SOILS ENGINEER'S RECOMMENDATIONS ... 6,300 SF
- 4—CONSTRUCT FIRE DEPARTMENT TURN AROUND - PAVEMENT TO MEET FIRE DEPARTMENT SPECIFICATIONS (SHADED AREA ONLY) 4,150 SF
- 5—CONSTRUCT SIDEWALK/DRIVEWAY CONCRETE PAVEMENT PER SOILS ENGINEER'S RECOMMENDATIONS 815 SF
- 6—CONSTRUCT CONCRETE CURB PER DETAIL ON SHEET No. 3 320 LF
- 7—CONSTRUCT CONCRETE SLAB AS SHOWN 25 EA
- 8—INSTALL DURA DRAIN DTF4-MDGS08ZSA 4" SQUARE TRENCH DRAIN SEE SHEET No. 3 FOR DETAIL 26 LF
- 9—CONSTRUCT 6' HIGH METAL FENCE AS SHOWN 387 LF

STORM DRAIN SYSTEM NOTES AND QUANTITIES

- 10—INSTALL 12"x12" PLASTIC BASIN W/ FOSSIL FILTER 25 EA
- 11—INSTALL 4" PVC SDR 35 PIPE AS SHOWN 524 LF
- 12—INSTALL 6" PVC SDR 35 PIPE AS SHOWN 74 LF
- 13—INSTALL 24"x24" TRAFFIC WEIGHT CATCH BASIN AND INSTALL AN OLDCASTLE FGP-24F FLOGARD FILTER INSERT 2 EA
- 14—INSTALL MAXWELL IV DRYWELL - TOTAL DEPTH = 22' 1 EA
- 15—INSTALL MAXWELL IV DRYWELL - TOTAL DEPTH = 30' 1 EA
- 16—INSTALL OLDCASTLE STORMCAPTURE (7'x15'x3' I.D.) MODULES 5 EA

Underground Service Alert CALL/TOLL FREE 1-800-422-4133 TWO WORKING DAYS BEFORE YOU DIG	BENCHMARK BM No. 220 - ELEV. = 1070.04 BM No. 221 - ELEV. = 1070.04 BM No. 222 - ELEV. = 1070.04 BM No. 223 - ELEV. = 1070.04 BM No. 224 - ELEV. = 1070.04 BM No. 225 - ELEV. = 1070.04 BM No. 226 - ELEV. = 1070.04 BM No. 227 - ELEV. = 1070.04 BM No. 228 - ELEV. = 1070.04 BM No. 229 - ELEV. = 1070.04 BM No. 230 - ELEV. = 1070.04	PREPARED BY: GILBERT ENGINEERING COMPANY, INC. 12500 E. 1st Ave. Suite 100 Denver, CO 80231 (303) 733-8800 www.gilbert-engineering.com	CITY OF COITON PUBLIC WORKS DEPARTMENT CITY ENGINEER: NAME: MTSO, DITL, P.E. DATE: 6/29/21 SCALE: 7/8"=1' ACCEPTED: DATE: _____ PLAN NO. #####	PRECISE GRADING PLAN CONSTRUCTION NOTES TRACT No. 20767 100 N. 2nd STREET

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DRYWELL ON EAST

StormCapture Advantages

Fast Service
 From start to finish, our national engineering staff will work with you to design and install your StormCapture system.

StormCapture Superior
 StormCapture Superior is the only system that will fit all roof pitches, orientations and materials and maintain runoff.

Maintenance is Simple
 StormCapture Superior is designed to be easy to maintain.

LEED
 StormCapture Superior is LEED v4 certified. With its green design and maintenance, StormCapture is the perfect solution for green buildings.

StormCapture Superior is approved for use in 43 states and 100+ local jurisdictions.



StormCapture Superior is the only system that will fit all roof pitches, orientations and materials and maintain runoff.

StormCapture Systems

StormCapture Systems
 StormCapture Systems are designed to collect and store rainwater for use in your facility.

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Design Assistance
 StormCapture Systems are designed to collect and store rainwater for use in your facility.

Easy and Safe to Install
 StormCapture Systems are designed to collect and store rainwater for use in your facility.

Modular Design
 StormCapture Systems are designed to collect and store rainwater for use in your facility.

Treatment Options
 StormCapture Systems are designed to collect and store rainwater for use in your facility.



StormCapture Systems are designed to collect and store rainwater for use in your facility.

Module Sizes & Capacities

Module Dimensions (FT)	Capacity Range (PV)
7x15/12	2150-2121
7x15/12	3115-321
7x15/18	4250-442
7x15/18	5010-509
7x15/24	5580-567
7x15/24	6460-610

Modules are 60" x 60" or 60" x 72" in size.

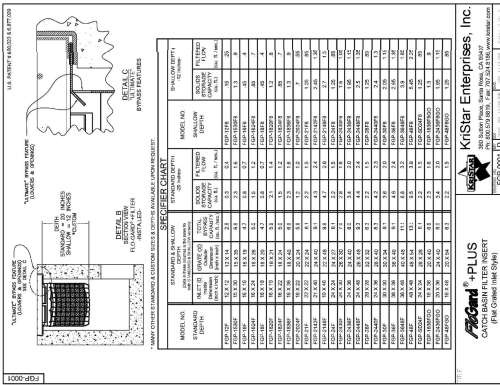
Capacity varies by configuration and array type.

Module Dimensions (FT)	Capacity Range (PV)
7x15/18	3845-3827
7x15/18	5030-5100
7x15/18	5150-5127
7x15/24	5300-5374
7x15/24	5450-5525
7x15/24	5470-5440

Endless Opportunities

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Underground Service Alert  Call: TOLL FREE 1-800- 422-4133 422-4133	BENCHMARK B.M. NO. 220 - ELEV. = 1070.04 FID. 2" COT. BRASS DISK IN TOP OF CURB. 30" S. OF CON C. 10' N. OF 10' W. OF 10' E. ELEV. 1070.00' STAMPED "S810 GPS 220 2007"		PREPARED BY: GILBERT ENGINEERING COMPANY, INC. 1000 S. 4TH AVE., SUITE 100 CLEBURNE, CALIFORNIA 91710 (909) 252-2443 e-mail = gilbert@gsd@aol.com	CITY OF COLTON CITY ENGINEERS NAME: MTRD. CRTL. P.E. OFFICE: 74848 EXPIRES: 6/30/27 DATE: _____ PLAN NO. #####	STORM DRAIN SYSTEM PROJECT NO. 070767 100' N. 2nd STREET SHEET 4 OF 10
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	Underground Service Alert Call: TOLL FREE 1-800- 422-4133 TOP OF CAUTION 30' S. OF SE COR OF LOT 20 S810 GPS 220 2007* S810 GPS 220 2007*	BENCHMARK B.M. NO. 220 - ELEV. = 1010.64 FID. 2" CAD. BOTT BRASS DISK TOP OF CURB, 30' S. OF SE COR OF LOT 20 S810 GPS 220 2007* S810 GPS 220 2007*		PREPARED BY: GILBERT ENGINEERING COMPANY, INC. SILENOVA, CALIFORNIA 91740 (909) 252-2443 e-mail - gilbert@gilbert-inc.com	CITY OF COLTON PUBLIC WORKS DEPARTMENT	CITY ENGINEER NAME: MATHIE OETLI, P.E. P.A.#2 73486 EXPDSE: 6/30/27 DATE: _____ PLAN NO. #### ACCEPTED: _____ DRAWN: _____	STORM DRAIN SYSTEM DETAILS TRACT No. 20787 100 N. 2ND STREET	NO. 204 SHEET 5 OF 10

N.P.D.E.S. REQUIREMENTS:
All construction on off-site or on-site improvements shall adhere to National Pollution Discharge Elimination System (NPDES) Best Management Practices (BMPs) to prevent discharging material into the County Storm Drain System.
The following should be achieved to:

1. Handle, store and dispose of materials properly.
2. Avoid excavation and grading activities during wet weather.
3. Construct diversion dikes and drainage swales around working sites.
4. Cover stockpiles and excavated soil with secured tarps or plastic sheeting.
5. Develop and implement erosion control plans and provide a copy to the Engineering Division, Public Services Department for approval by the City Engineer.
6. Check and repair leaking equipment AWAY from construction site.
7. Designate a location AWAY from storm drains for refueling vehicles.
8. When working near catch basins, cover and seal each basin prior to the start of construction.
9. Use vacuum with all concrete sawing operations.
10. Never wash excess material from aggregate, concrete or equipment onto a street.
11. Catch drips from pavers with drip pans or absorbent material.
12. Clean up all spills using dry methods.
13. Clean up all dirt and debris from the parking construction site. Sweep all dirt and debris into the street.
14. During construction, dumpsites shall be on site at all times.
15. Call 911 in case of a hazardous spill.
16. Keep a running log of all activities in connection with the "Storm Water Pollution Prevention Plan" (SWPPP).
17. Name a person on-site to be responsible for complying with SWPPP.
18. The following BMPs as outlined in, but not limited to, the "Best Management Practices Handbook, California Stormwater Quality Task Force" shall be implemented during the construction of this project. (Additional measures may be required if deemed appropriate by County Inspections).

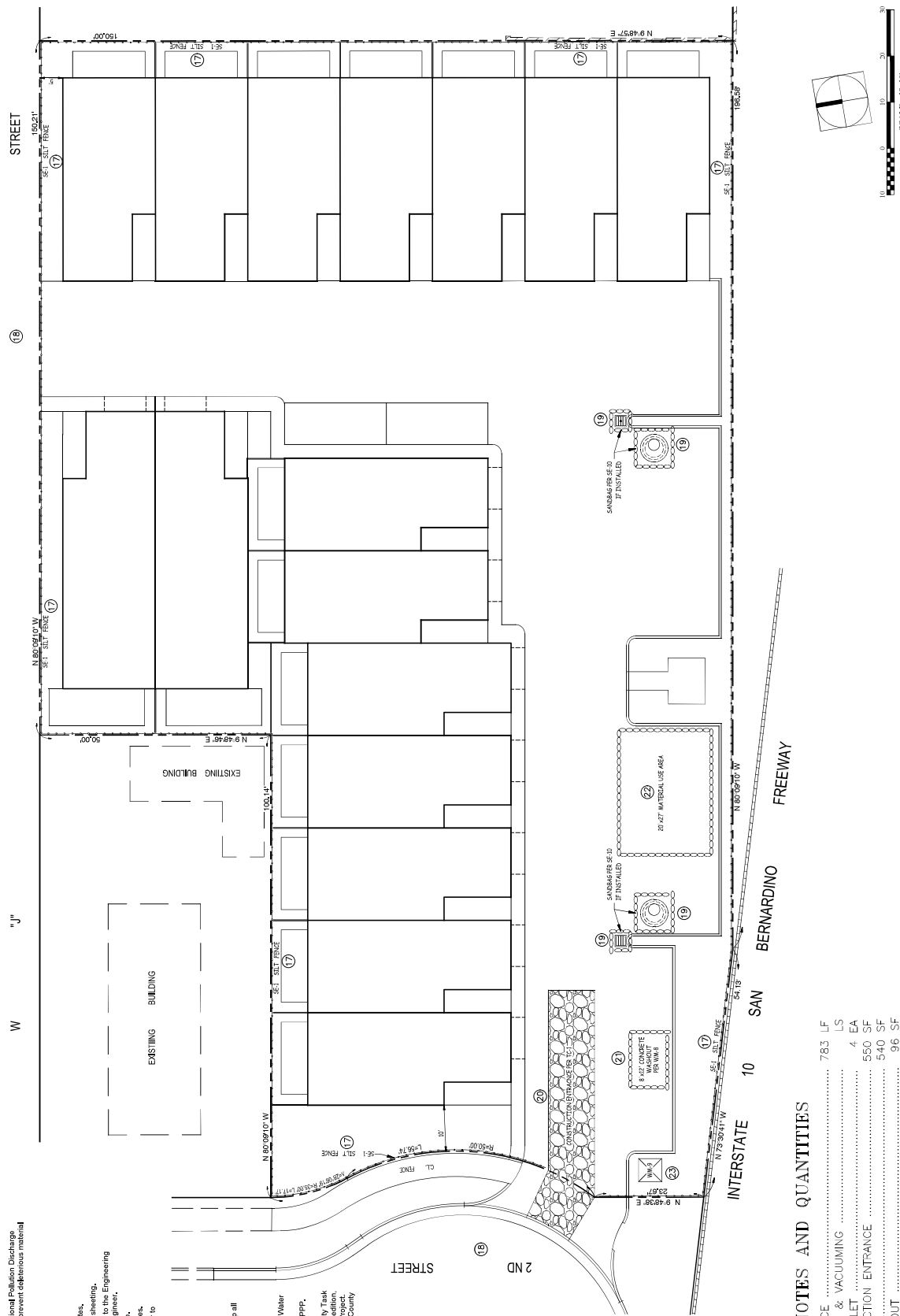
19. BEST MANAGEMENT PRACTICES:

- CA001 Dewatering Operations
- CA002 Paving Operations
- CA003 Structure Construction & Painting
- CA004 Material Storage
- CA005 Material Use, Inventory and Storage
- CA011 Spill Prevention and Control
- CA012 Solid Waste Management
- CA020 Contaminated Soil Management
- CA021 Concrete Waste Management
- CA022 Vehicle & Equipment Fueling
- CA023 Vehicle & Equipment Maintenance
- CA024 Stormwater Management
- ES001 Scheduling
- ES002 Preservation of Existing Vegetation
- ES003 Seeding and Planting
- ES020 Geotextiles and Mats
- ES021 Dust Controls
- ES022 Road Stabilization
- ES023 Stabilized Construction Entrance
- ES030 Earth Dike
- ES031 Slope Drain
- ES032 Drains and Swales
- ES040 Outlet Protection
- ES041 Check Dams
- ES042 Strapping/Tiebacks
- ES051 Straw Bale Barriers
- ES052 Sandbags
- ES053 Brush or Rock Filter
- ES054 Storm Drain Inlet Protection
- ES055 Sediment Trap
- ES056 Sediment Basin

SEE CUT SHEETS ON PAGE 5

EROSION CONTROL NOTES AND QUANTITIES

- 17—INSTALL SE-1, SILT FENCE 783 LF
- 18—SE-7, STREET SWEEPING & VACUUMING LS
- 19—SE-10, STORM DRAIN INLET 4 EA
- 20—INSTALL TC-1, CONSTRUCTION ENTRANCE 550 SF
- 21—WM-2, MATERIAL USE 540 SF
- 22—WM-8, CONCRETE WASHOUT 96 SF
- 23—WM-9, SANITARY/SEPTIC WASTE MANAGEMENT 1 EA



Underground Service Alert

Call 811 or 1-800-422-4133

COULDTOL FREE

THE WORKING DAYS BEFORE YOU DIG

BENCHMARK

BM No. 220 - ELEV. = 1070.04

DATE OF SURVEY = 10/03/04

TOP OF CURB 20' S. OF SECTOR

BCH INTERSECTION OF VALLEY

DATE OF SURVEY = 10/03/04

BM NO. 220 - ELEV. = 1070.04

CITY OF COLTON

PUBLIC WORKS DEPARTMENT

CITY ENGINEER

NAME: MTSO, JIM, P.E.

DATE: 6/20/21

SCALE: 75848

ACCEPTEE: _____

PLAN NO. 000000

EROSION CONTROL PLAN

TRACT No. 20767

100 N. 2ND STREET

DATE: 6/20/21

SCALE: 1"=10'

PREPARED BY:

GILBERT ENGINEERING COMPANY, INC.

200 E. 3RD AVE

PO BOX 1000

COLTON, CA 92324

TEL: (951) 261-1111

FAX: (951) 261-1111

SEAL

Professional Engineer

State of California

No. 10000

Exp. 12/31/2021

