

COUNTY OF LAKE HAMMOND PARK

NICE, CALIFORNIA

GENERAL NOTES

- Contractor shall notify all public or private utility companies two (2) working days prior to commencement of work on this project to verify the locations of existing utility lines.
- Any discrepancy discovered by the Contractor in these plans or any field conditions discovered by the Contractor that may delay or obstruct the proper completion of the work per these plans shall be brought to the attention of the Landscape Architect immediately upon discovery. Said notification shall be in writing.
- These Plans do not represent a Property Line Survey. Property lines shown hereon are based on record data and may not represent the true positions of the lines.
- Existing features and topographic information have been taken from Hammond Park Topographic Map, dated 2/9/2024, by Munselle Civil Engineering. GSM landscape architects, Inc. assumes no liability, real or alleged, regarding the accuracy of the existing features or topographic information shown.
- All material, workmanship and construction shall conform to the current edition of California Building Codes, and to the Jurisdictional Agency's Standard Specifications and Plans, International Building Code (I.B.C.) as amended by 2022 California Building Code (C.B.C.) Uniform Mechanical Code (U.M.C.) as amended by 2022 California Mechanical Code (C.M.C.) Uniform Plumbing Code (U.P.C.) as amended by 2022 California Plumbing Code (C.P.C.) National Electrical Code (N.E.C.) as amended by 2022 California Electrical Code (C.E.C.) California Energy Code (C.E.C.) (2022 Building Energy Efficiency Standards) California Green Building Standards Code (C.G.B.S.C.)
- Contractor shall obtain all required permits and pay all fees prior to commencement of any work. Any and all licenses and permits required for project construction shall be possessed by the Contractor. Contractor shall abide by all Federal, State, and Local laws and rules affecting the work and shall maintain all required protection and insurance for the property, employees and public.
- Contractor shall be responsible for the verification of all existing utilities in the field. Locations of utilities and underground facilities shown are approximate and for general information only. Potholing may be required.
- Existing utilities shall be kept in service at all times. Utilities that interfere with the work to be performed shall be protected by the Contractor to the satisfaction of the Engineer and Landscape Architect.
- Contractor shall be responsible for protecting existing facilities and improvements from damage resulting from Contractor's work. Any damage caused by Contractor shall be repaired at Contractor's expense.
- Contractor shall provide and maintain sufficient barricades to provide for safety of the general public to the satisfaction of the Engineer.
- Contractor shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property. This requirement shall apply continually and not be limited to normal working hours. The Contractor shall defend, indemnify and hold the County and GSM landscape architects, Inc. harmless from all liability, real or alleged, in connection with the performance of work on the project.
- Prior to bid, the Contractor shall visit the site to adequately determine all pre-existing conditions. By the act of submitting a bid, the Contractor will be deemed to have compiled with the foregoing, to have accepted such conditions, and to have made allowances therefore in preparing the bid.
- Contractor shall provide all labor, equipment and materials required to implement all recommendations included in the Geotechnical Study Report for Hammond Park Improvements dated December 5, 2024 by RGH Consultants including but not limited to scarification, moisture conditioning, and compaction.

GENERAL UNDERGROUND NOTES

- No guarantee is given that underground obstructions not shown on these plans may be encountered. Those shown are based on the best information available and the Contractor is cautioned that the County and the Landscape Architect assume no responsibility for any obstructions either shown or not shown on these plans. The Contractor shall cooperate with all utility companies working within the limits of this project.
- Contractor shall not begin excavation until all existing utilities have been marked in the field by the applicable entity responsible for that particular utility. Underground service alert: call USA North toll free (800) 642-2447 at least 48 hours prior to excavation.
- Contractor shall uncover existing buried utilities in the presence of utility owner to verify locations and elevations of utilities. Buried utilities include but are not limited to water mains and laterals, sewer mains and laterals, storm drains, gas mains and laterals, electrical distribution lines, telephone and cable TV lines. All utilities conflicting with the proposed construction shall be relocated or resolved prior to the start of construction, or conflicting facilities.
- All underground improvements shall be installed and approved prior to paving.
- All material, workmanship and construction details shall conform to the Jurisdictional Agency's construction standard specifications, including all addenda, standard plan and special provision revisions.

DEFERRED SUBMITTALS

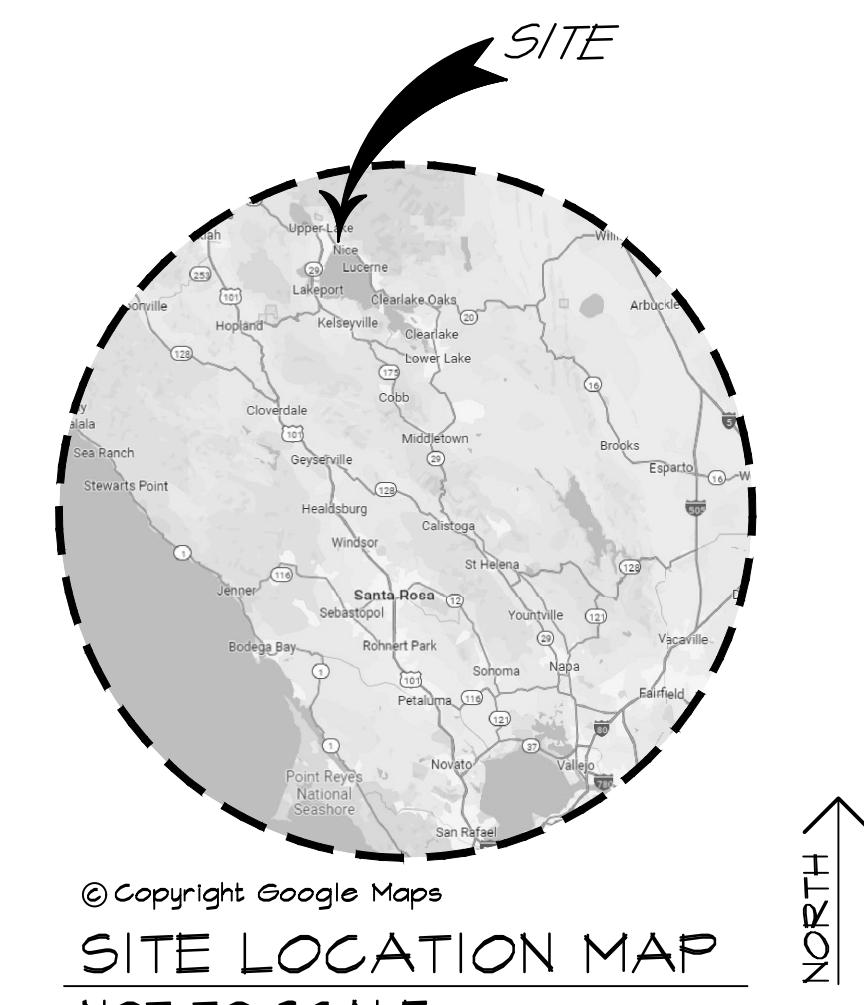
The following items of work shown in these contract documents are considered deferred submittals and require the Contractor to provide shop drawings and calculations sealed and signed by a Structural Engineer licensed in the State of California for approval.

A. Shade Structure

Deferred submittal items shall be reviewed and approved by the Landscape Architect or Engineer-of-Record prior to forwarding the item(s) to the County for review. Deferred submittal items shall not be installed until the County has approved their design and submittal documents.



SITE PLAN

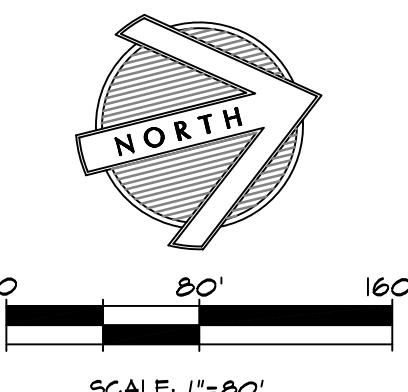


SITE LOCATION MAP

NOT TO SCALE

SHEET INDEX

| | |
|------|---|
| C1.0 | COVER SHEET |
| C1.0 | DEMOLITION PLAN |
| C2.0 | EROSION CONTROL PLAN |
| C2.1 | EROSION CONTROL PLAN |
| C2.2 | ECP DETAILS |
| C3.0 | GRADING PLAN - SOUTH |
| C3.1 | GRADING PLAN - NORTH |
| C3.2 | DETAILS |
| C3.3 | DETAILS |
| C3.4 | DETAILS |
| C4.0 | UTILITY PLAN - SOUTH |
| C4.1 | UTILITY PLAN - NORTH |
| C4.2 | DETAILS |
| L1.0 | MATERIAL AND DETAIL REFERENCE PLAN |
| L1.1 | MATERIAL AND DETAIL REFERENCE PLAN |
| L1.2 | CONSTRUCTION DETAILS |
| L1.3 | CONSTRUCTION DETAILS |
| L1.4 | CONSTRUCTION DETAILS |
| L1.5 | CONSTRUCTION DETAILS |
| L1.6 | CONSTRUCTION DETAILS |
| L1.7 | CONSTRUCTION DETAILS |
| L1.8 | CONSTRUCTION DETAILS |
| L1.9 | CONSTRUCTION DETAILS |
| L2.0 | LAYOUT PLAN |
| L2.1 | LAYOUT PLAN |
| L2.2 | LAYOUT PLAN ENLARGEMENT |
| L2.3 | LAYOUT PLAN ENLARGEMENT |
| L3.0 | IRRIGATION PLAN |
| L3.1 | IRRIGATION PLAN |
| L3.2 | IRRIGATION NOTES AND LEGEND |
| L3.3 | IRRIGATION DETAILS |
| L3.4 | IRRIGATION DETAILS |
| L3.5 | IRRIGATION DETAILS |
| L3.6 | IRRIGATION DETAILS |
| L4.0 | PLANTING PLAN |
| L4.1 | PLANTING PLAN |
| L4.2 | PLANTING DETAILS |
| E0.1 | SYMBOLS LIST, GENERAL NOTES, DETAILS & LIST OF DRAWINGS |
| E0.2 | LUMINAIRE SCHEDULE |
| E1.0 | ELECTRICAL SITE PLAN - SOUTH |
| E1.1 | ELECTRICAL SITE PLAN - NORTH |
| E1.2 | ROOF PLANS - PHOTOVOLTAIC |
| E5.1 | SINGLE LINE DIAGRAM - POWER |
| E5.2 | SINGLE LINE DIAGRAM - PHOTOVOLTAIC |
| E5.3 | PHOTOVOLTAIC PLACARDS |
| E5.4 | PHOTOVOLTAIC DATA SHEETS |
| E8.1 | TITLE 24 DOCUMENTATION |
| E8.2 | TITLE 24 DOCUMENTATION |



SCALE: 1"=80'



Know what's below.
Call before you dig.

ABBREVIATIONS

| | | | | | | | |
|------|--|-------|--|--------|-------------------------------------|--------|---------------------------|
| AB | Aggregate Base | GLP | Control Point | FH | Fire Hydrant | PSI | Pounds per Square Inch |
| AC | Asphalt Pavement | clr. | Clearance | FL | Flow Line | PVC | Polyvinyl Chloride |
| AD | Area Drain | CMB | Concrete Mow Band | FW | Face of Wall | R | Radius |
| ASLA | American Society of Landscape Architects | CMU | Concrete Masonry Unit | GB | Grade Break | RC | Relative Compaction |
| BC | Back of Curb | CO | Clean Out | HC | Hinge Clearance | RIM | Rim of Drain Inlet |
| BS | Bottom Face of Bottom Step | comp. | Compaction | horiz. | Horizontal | SCH | Schedule |
| BW | Bottom of Wall Elevation | cont. | Continuous | HP | High Point | SD | Storm Drain |
| C | Center Line | CP | Center of Pavement | ID | Inside Diameter | sf | Square Feet |
| CB | Center of Basin | DP | Drop Inlet | INV | Interior Elevation | stl. | Steel |
| CBF | Center of Basketball | diag. | Diameter | LP | Low Point | SS | Sewerage Sewer |
| CF | Post Footing | DK | Deck Elevation | LIP | Lip of concrete valley gutter | TBF | Top of Basketball Footing |
| CBS | Corner of Basketball Striping | DR | Door | LP | Low Point | TCOF | Top Center of Fixture |
| CC | Corner of Curb | gpm | Gallon per Minute | MA | Midpoint of Arc | TC | Top of Vertical Curb |
| CCB | Center of Catch Basin | EA | End of Arc | OC | On Center | TFC | Top of Flush Curb |
| CCG | Corner of Gutter | EC | Edge of Curb | OD | Outside Diameter | TFS | Top Face of Top Step |
| CCL | Corner of Conformance Line | CC | Center of Cleanout | EL | Elevation Grade | TP | Top of Plaster |
| CCF | Corner of Drinking Fountain | CDI | Center of Drain Inlet | EM | Edge of Concrete Mow Band | TRH | Top of Retaining Header |
| CG | Concrete Gutter | EF | Edge of Pavement (Concrete or Asphalt) | EP | Edge of Pavement | TS | Top Face of Top Step |
| CJ | Corner Face of Curb | EQ | End of | OFOI | Owner Furnished and Owner Installed | TW | Top of Wall |
| CFC | Corner Face of Post | FB | Face of Bottom Step | PA | Planting Area | typ. | Typical |
| CFW | Corner Face of Wall | FC | Face of Curb | PAD | Concrete Pad | vert. | Vertical Curve |
| CGP | Center Face of Gate Post | FF | Finish Floor Elevation | PCC | Portland Cement Concrete | VM | Vertical |
| CLF | Center of Light Fixture | FG | Finish Grade | PL | Property Line | WM | Water Meter |
| | | | | | | UL | Underwriters Laboratory |
| | | | | | | U.O.N. | Unless Otherwise Noted |

PROJECT TEAM

Landscape Architect:

GSM landscape architects, Inc.
1700 Soosal Avenue, Suite 23
Napa, CA 94559
(707) 255-4630

Civil Engineer:

Munselle Civil Engineering
513 Center Street
Healdsburg, CA 95448
(707) 395-0268

Electrical Engineer:

O'Mahony & Myer
4340 Redwood Hwy, Suite 245
Santa Rosa, CA 95403
(415) 492-0420

Geotechnical Engineer:

RGH Consultants
3501 Industrial Drive, Suite A
Santa Rosa, CA 95403
(707) 544-1072

Irrigation Consultant:

Russell D. Mitchell Associates, Inc.
2160 Camino Diablo
Walnut Creek, CA 94597
(925) 939-3485



LARS EWING, DIRECTOR, PUBLIC SERVICES

DATE

OWNERSHIP OF DOCUMENTS

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COUNTY OF LAKE
HAMMOND PARK
6935 HAMMOND AVE. NICE, CA

G1.0
OF 48

COVER SHEET

GSM landscape architects, inc.
1700 Soosal Ave, Suite 23
Napa, CA 94559
(707) 255-4630
www.gsmlandscape.com

DES: BM

DRAW: BM

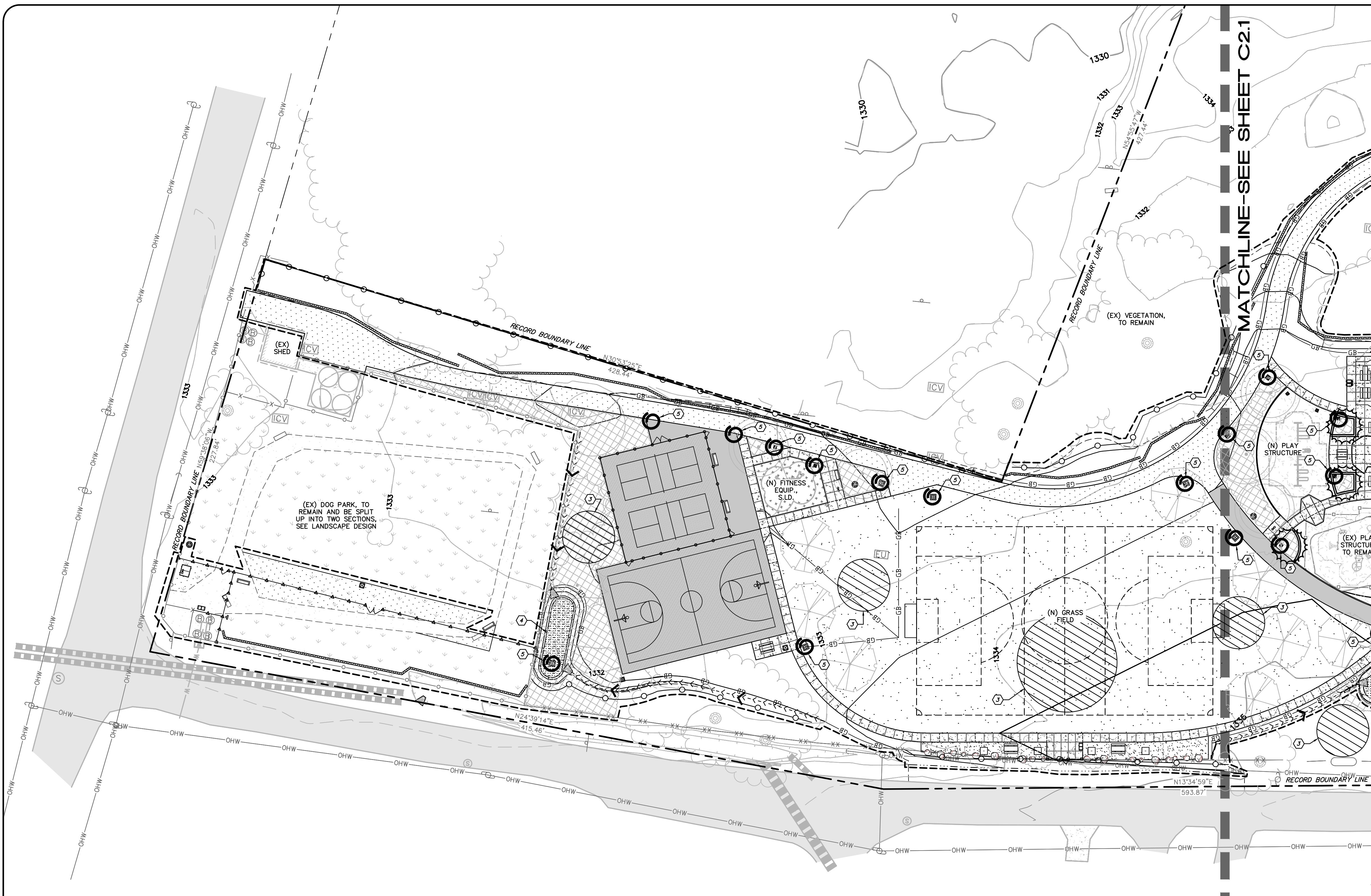
CHD: GEM

DATE: 2/21/25

FILE NO: 251200V

JOB NO: 2512

SHEET NO:



LEGEND AND KEYNOTES

- 1 CONCRETE WASHOUT PER DETAIL ON SHEET C2.2
- 2 INSTALL STABILIZED CONSTRUCTION ENTRANCE PER DETAIL ON SHEET C2.2
- 3 MATERIAL STORAGE AND STOCKPILE LOCATION
- 4 BIORETENTION AREAS SHALL BE EXCAVATED TO SUBGRADE TO ACT AS SEDIMENT BASINS
- 5 INSTALL DI FILTER PER DI SEDIMENT BARRIER DETAIL ON SHEET C2.2
- SILT FENCE PER DETAIL ON SHEET C2.2. REMOVE AND REPLACE AS NECESSARY
- STRAW WATTLE PER DETAIL ON SHEET C2.2
- APPROXIMATE LIMITS OF DISTURBED AREA
- DI SEDIMENT BARRIER PER DETAIL ON SHEET C2.2
- STRAW WATTLE CHECK DAM PER DETAIL ON SHEET C2.2

EROSION CONTROL NOTES

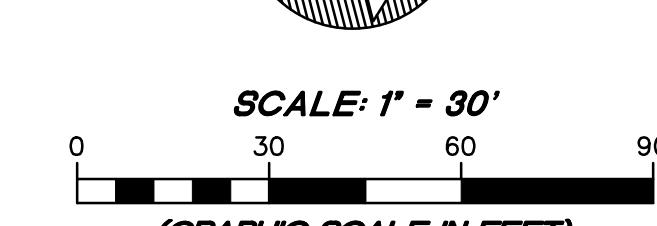
1. A NOTICE OF INTENT SHALL BE FILED BY THE OWNER FOR ALL PROJECTS OVER ONE (1) ACRE IN AREA. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMIT.
2. EROSION CONTROL MEASURES SHALL BE INSTALLED AND IN PLACE BETWEEN OCTOBER 1 AND APRIL 30. INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLAN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION CONTROL MEASURES. SITE EROSION CONTROL SHALL BE INSPECTED BY THE CONTRACTOR AND CLEARED IF NECESSARY AFTER EVERY MAJOR STORM.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS TO THE SATISFACTION OF THE CITY ENGINEER.
5. ALL GRADED AREAS AND EXPOSED SOIL WITHIN THIS PROJECT SHALL BE SEADED FOR EROSION CONTROL BY THE CONTRACTOR. SEED AND FERTILIZER WILL BE APPLIED BY OCTOBER 1 TO ALL NON-ACRAGE DISTURBED AREAS. SEED AND FERTILIZER WILL BE APPLIED HYDRAULICALLY OR BY HAND AT THE RATES SPECIFIED BELOW. ON SLOPES, STRAW WILL BE APPLIED BY BLOWER OR BY HAND AND ANCHORED IN PLACE BY PUNCHING.
6. HYDROSEEDING SHALL BE CONDUCTED IN A THREE STEP PROCESS. FIRST, EVENLY APPLY SEED MIX AND FERTILIZER TO THE EXPOSED SLOPES. SECOND, EVENLY APPLY MULCH OVER THE SEED AND FERTILIZER. THIRD, STABILIZE THE MULCH IN PLACE. AN EQUIVALENT SINGLE STEP PROCESS WITH SEED, FERTILIZER, WATER, AND BONDED FIBERS IS ACCEPTABLE.
7. APPLICATIONS SHALL BE BROADCASTED MECHANICALLY OR MANUALLY AT THE RATES SPECIFIED BELOW. SEED AND FERTILIZER WILL BE APPLIED HYDRAULICALLY OR BY HAND. TAMPING, IF STRAW IS USED AS MULCH, SHALL BE DERIVED FROM WHEAT, RICE, OR BARLEY AND BE APPROXIMATELY 6 TO 8 INCHES IN LENGTH. STABILIZATION OF MULCH SHALL BE DONE HYDRAULICALLY BY APPLYING AN EMULSION. EQUIVALENT METHODS AND MATERIALS MAY BE USED ONLY IF THEY ADEQUATELY PROMOTE VEGETATION GROWTH AND PROTECT EXPOSED SLOPES.

| APPLICATION RATE (POUNDS PER ACRE) | |
|--|----------------------------|
| SEED MIX | |
| Bromus mollis (BLANDO BROME) | 40 |
| Trifolium hybridum (HYKON ROSE CLOVER) | 20 |
| FERTILIZER | |
| 16-20-0 & 15% SULPHUR | 500 |
| MULCH | |
| STRAW | 4000 |
| LUDVIC STABILIZING* M-BINDER OR SENTINEL EQUIVALENT MATERIAL | 75-100 PER MANUFACTURER |

8. ALL CRITICAL EARTHWORK OPERATIONS SHALL BE PERFORMED DURING THE DRY WEATHER SEASON AT ALL POSSIBLE TIMES. PLACEMENT OF EXPOSED EARTHWORK SHALL BE LIMITED TO WITHIN THE LIMITS OF ACTUAL EARTHWORK. INCREMENTAL DEVELOPMENT SHALL BE REQUIRED TO ENSURE THAT THE AMOUNT OF LAND CLEARED AT ANY TIME IS LIMITED TO THE AREA THAT CAN BE DEVELOPED DURING THE CONSTRUCTION PERIOD. STORM WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY DOWN UNPROTECTED SLOPES. ENERGY DISSIPATING STRUCTURES AND EROSION CONTROL DEVICES SHALL BE PLACED AT ALL DRAINSAGE DILETTES WHICH DISCHARGE TO NATURAL CHANNELS. MAINTAIN THESE PLACES ALL SEASON LONG. SITE MAINTENANCE BY THE OWNER UNTIL SUCH TIME AS THE CITY ACCEPTS MAINTENANCE RESPONSIBILITY.
9. THE CONTRACTOR MUST IMPLEMENT AN EFFECTIVE COMBINATION OF EROSION PREVENTION AND SEDIMENT CONTROL ON ALL DISTURBED AREAS DURING THE RAINY SEASON (OCTOBER 1 THRU APRIL 30).
10. ALL STAGING, DEMOLITION WORK AND LOADING/UNLOADING SHALL TAKE PLACE OUTSIDE OF THE RIGHT OF WAY, INCLUDING THE PUBLIC SIDEWALK OR STREET UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY ENGINEER.

ABBREVIATIONS

| | | | |
|------|---------------------------|--------|--------------------------|
| AB | AGGREGATE BASE | R | RADIUS |
| AC | ASPHALT CONCRETE | R/W | RIGHT OF WAY |
| BC | BOTTOM OF CURB | RCP | REINFORCED CONCRETE PIPE |
| BSW | BACK OF SIDEWALK | S.A.D. | SEE ARCHITECTURAL DESIGN |
| CB | CATCH BASIN | S= | SLOPE |
| CDNC | CONCRETE | SD | STORM DRAIN |
| CPP | CORRUGATED PLASTIC PIPE | SDCO | STORM DRAIN CLEANOUT |
| CMP | CORRUGATED METAL PIPE | SDDI | STORM DRAIN DRIP INLET |
| DI | DRIP INLET | SDMH | STORM DRAIN MANHOLE |
| DIP | DUCTILE IRON PIPE | S.L.D. | SEE LANDSCAPE DESIGN |
| DWY | DRIVEWAY | S.S.D. | SEE STRUCTURAL DESIGN |
| EGL | EXISTING GROUND | SS | SANITARY SEWER |
| ELEV | ELEVATION | SSCO | SANITARY SEWER CLEANOUT |
| EP | EDGE OF PAVEMENT | SSW | SANITARY SEWER MANHOLE |
| EW | EWING | STD | STANDARD |
| FC | FACE OF CURB | SW | SIDEWALK |
| FG | FINISH GRADE | TC | TOP OF CURB |
| FS | FINISH SURFACE | TG | TOP OF GRATE |
| GB | GRADE BREAK | TY | TYICAL |
| HDP | HIGH DENSITY POLYETHYLENE | UND | UNLESS NOTED OTHERWISE |
| HT | HEIGHT | WL | WATER LINE |
| PCC | PORTLAND CEMENT CONCRETE | WM | WATER METER |
| PC | POINT OF CONNECTION | WS | WATER SERVICE |
| PVC | POLYVINYLCHLORIDE PIPE | PVT | PRIVATE |



SCALE: 1' = 30'
(GRAPHIC SCALE IN FEET)

DANIEL JOHN HUGHES
RCE #0225



MUNSELLE CIVIL ENGINEERING
513 CENTER STREET
HEALDSBURG, CA 95448
(707) 395-0968

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CONSTRUCTION GENERAL PERMIT NOTES

DISTURBED AREA: 3.75 ACRES

1. THIS PROJECT DISTURBS OVER 1 ACRE AND IS THEREFORE SUBJECT TO THE CONSTRUCTION GENERAL STORM WATER PERMIT AND THE CONDITIONS IN THAT PERMIT.
2. ALL BIORETENTION AREAS SHALL BE GRADED TO SUBGRADE DURING INITIAL SITE GRADING TO ACT AS SEDIMENT BASINS. SEE BIORETENTION DETAIL ON SHEET C3.2 FOR DEPTH OF BIORETENTION FACILITIES.
3. INSPECT STREETS DAILY AND ENSURE NO MUD TRACKOUT ONTO STREETS. IF MUD TRACKOUT IS DISCOVERED, CONTRACTOR SHALL CLEAN THE STREETS IMMEDIATELY.

DATE: 2/21/25

FILE NO. 2312BASE

JOB NO. 2312

SHEET NO.

C2.0

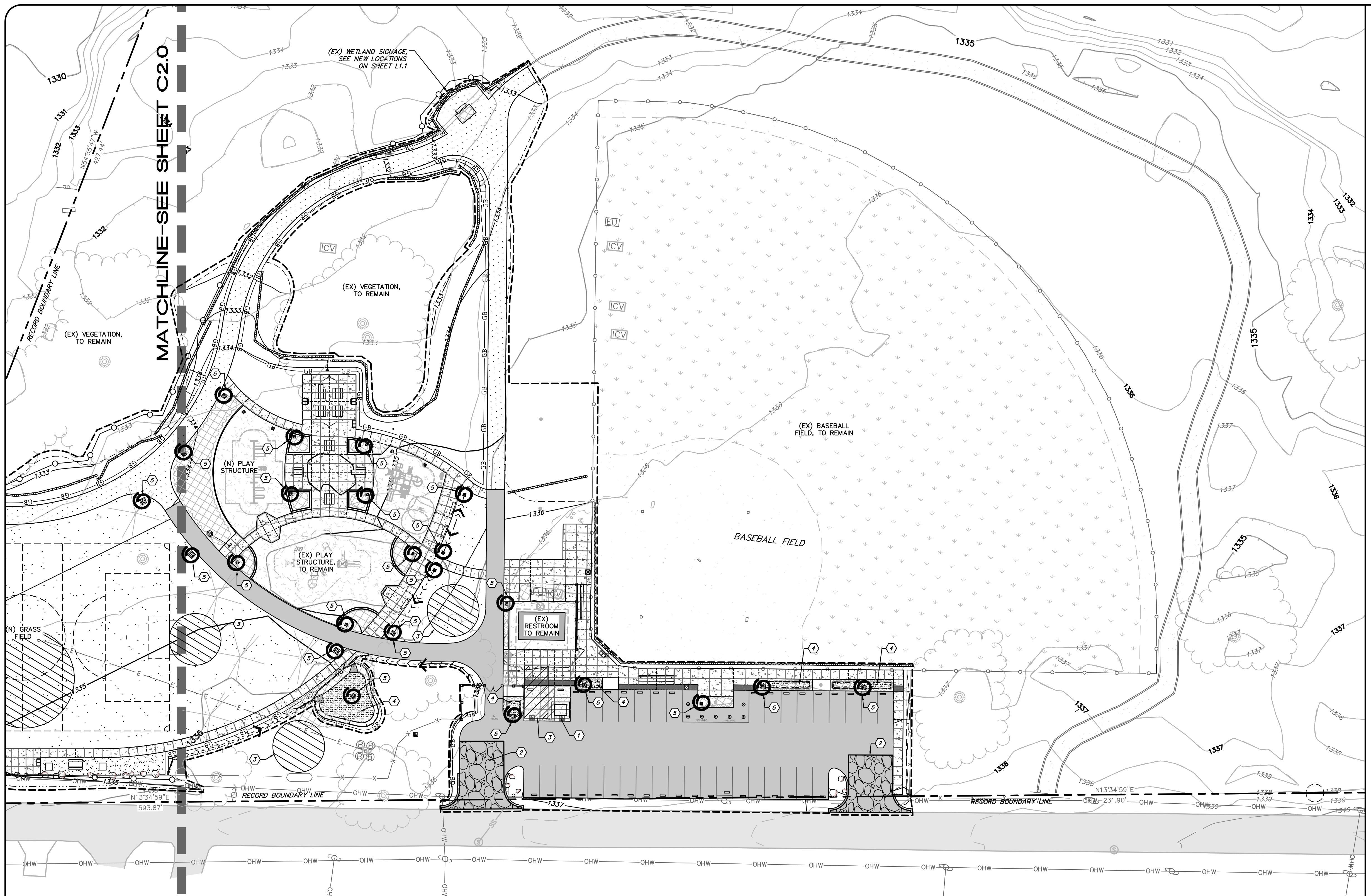
OF 48

EROSION CONTROL PLAN

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HAMMOND PARK
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NICH, CA

GSM landscape architects, inc.
landscape architecture planning
1700 Sausal Ave, Suite 23
Napa, CA 94599
(707) 255-4630
www.gsmlandscape.com

DES: MCE
DRAW: ERL
CHECK: D.H.



LEGEND AND KEYNOTES

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○ SILT FENCE PER DETAIL ON SHEET C2.2. REMOVE AND REPLACE AS NECESSARY
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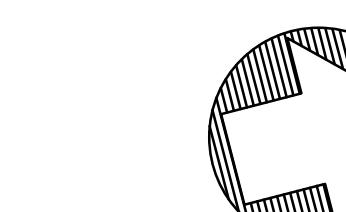
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7. APPLICATIONS SHALL BE BROADCASTED MECHANICALLY OR MANUALLY AT THE RATES SPECIFIED BELOW. SEED MIX AND FERTILIZER SHALL BE WORKED INTO THE SOIL BY ROLLING OR TAMPING. IF STRAW IS USED AS MULCH, STRAW SHALL BE DERIVED FROM WHEAT, RICE, OR BARLEY AND BE APPROXIMATELY 6 TO 8 INCHES IN LENGTH. STABILIZATION OF MULCH SHALL BE DONE HYDRAULICALLY BY APPLYING AN EMULSION. EQUIVALENT METHODS AND MATERIALS MAY BE USED ONLY IF THEY ADEQUATELY PROMOTE VEGETATION GROWTH AND PROTECT EXPOSED SLOPES.

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| HYDRAULIC STABILIZING* | |
| M-BINDER OR SENTINEL EQUIVALENT MATERIAL | 75-100 PER MANUFACTURER |

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| DI | DRIVE INLET | SDMH | STORM DRAIN MANHOLE |
| DIP | DUCTILE IRON PIPE | SLD | SEE LANDSCAPE DESIGN |
| DIV | DRIVEWAY | S.S.D. | SEE STRUCTURAL DESIGN |
| EG | EXISTING GROUND | SS | SANITARY SEWER |
| ELEV | ELEVATION | SSCD | SANITARY SEWER CLEANOUT |
| EP | EDGE OF PAVEMENT | SSMH | SANITARY SEWER MANHOLE |
| (E)EX | EXISTING | STD | STANDARD |
| FC | FACE OF CURB | SW | SIDEWALK |
| FG | FINISH GRADE | TC | TOP OF CURB |
| FS | FINISH SURFACE | TG | TOP OF GRATE |
| GB | GRADE BREAK | TYP | Typical |
| HDPE | HIGH DENSITY POLYETHYLENE | UND | UNLESS NOTED OTHERWISE |
| HT | HEIGHT | V | WATER |
| PCC | PORTLAND CEMENT CONCRETE | WL | WATER LINE |
| PDC | POINT OF CONNECTION | WM | WATER METER |
| PVC | POLYVINYLCHLORIDE PIPE | WS | WATER SERVICE |
| PVT | PRIVATE | | |



SCALE: 1' = 30'
(GRAPHIC SCALE IN FEET)



MUNSELLE CIVIL ENGINEERING
513 CENTER STREET
HEALDSBURG, CA 95448
(707) 395-0968

CONSTRUCTION GENERAL PERMIT NOTES

DISTURBED AREA: 3.75 ACRES

1. THIS PROJECT DISTURBS OVER 1 ACRE AND IS THEREFORE SUBJECT TO THE CONSTRUCTION GENERAL STORM WATER PERMIT AND THE CONDITIONS IN THAT PERMIT.
2. ALL BIORETENTION AREAS SHALL BE GRADED TO SUBGRADE DURING INITIAL SITE GRADING TO ACT AS SEDIMENT BASINS. SEE BIORETENTION DETAIL ON SHEET C3.2 FOR DEPTH OF BIORETENTION FACILITIES.
3. INSPECT STREETS DAILY AND ENSURE NO MUD TRACKOUT ONTO STREETS. IF MUD TRACKOUT IS DISCOVERED, CONTRACTOR SHALL CLEAN THE STREETS IMMEDIATELY.

I, Daniel John Hughes, DATE
 RCE 60225
 PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 C2.1
 OF 48

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